28.

Zool.
543 bx
/28 Walker

LIST

OF

SPECIMENS

OF

BRITISH ANIMALS

IN THE

COLLECTION

OF

FRANCIS WALKER, F.L.S., &c.

PART XXVIII.

PYGARICITES & TINEITES.

PRINTED BY ORDER OF THE TRUSTEES.

LONDON: 1862.

LIST

OF THE

SPECIMENS

OF

LEPIDOPTEROUS INSECTS

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

BY

FRANCIS WALKER, F.L.S., &c.

PART XXVIII.

TORTRICITES & TINEITES.

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1863.

LONDON :
PRINTED BY EDWARD NEWMAN,
9, Devonshire Street, Bishopsgate.

BIBLIOTHECA
REGIA
MONACENSIS

PREFACE.

THE object of the present Catalogue is to give a complete list of all the genera and species of Crambites, Tortricites and Tineites known to exist in the different collections. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained, and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

JOHN EDWARD GRAY.

British Museum,

October 19, 1863.

CATALOGUE

OF

LEPIDOPTERA HETEROCERA.

SIXTH SERIES.

Fam. TORTRICIDÆ.
(Continued).

EXOTIC TORTRICIDÆ.

Genus TERAS.

North America.

36. Teras vicariana.

Mas. *Pallide cervina ; alæ anticæ strigulis plurimis indistinctis subobscurioribus, fascia media obliqua marginata postice dilatata plagaque costali exteriore cervinis ; posticæ albido-cinereæ.*

Male. Pale fawn-colour, much paler beneath. Palpi nearly erect, not rising higher than the vertex; third joint conical, minute. Antennæ very minutely setulose. Fore wings with indistinct minute transverse slightly darker streaks, and with an oblique middle fawn-coloured band, which is bordered with still darker fawn-colour, and is dilated hindward; an exterior costal fawn-coloured patch; costa convex, except towards the rectangular tips; exterior border oblique hindward. Hind wings whitish cinereous. Length of the body 3 lines; of the wings 9 lines.

a. North America. From Mr. Carter's collection.

37. Teras albaniana.

Mas. *Pallide testacea ; alæ anticæ strigulis plurimis transversis, fascia media obliqua plagaque apicali cervinis ; posticæ pallide cinereæ.*

Male. Pale testaceous. Abdomen, hind wings and under side pale cinereous. Palpi porrect, rather slender, extending very little beyond the head ; third joint conical, minute. Antennæ very minutely setulose. Fore wings with numerous little transverse fawn-coloured streaks, with an oblique fawn-coloured middle band, and with a fawn-coloured apical patch ; costa convex towards the base ; exterior border slightly convex, moderately oblique. Length of the body 4 lines ; of the wings 10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

38. Teras obsoletana.

Mas. *Pallidissime cervina ; abdomen flavescente-cinereum ; alæ anticæ sericeæ, vix acutæ, strigulis plurimis transversis plagisque duabus costalibus cervinis ; posticæ pallide cinereæ.*

Male. Very pale fawn-colour, mostly pale cinereous beneath. Palpi porrect, hardly extending beyond the head ; third joint conical, very minute. Antennæ very minutely setulose. Abdomen yellowish cinereous, extending a little beyond the hind wings ; apical valves large, densely pilose. Fore wings sericeous, hardly acute, with numerous little transverse fawn-coloured streaks ; two fawn-coloured costal patches, one before the middle, the other at three-fourths of the length ; costa convex, except towards the tip ; exterior border slightly convex, hardly oblique. Hind wings pale cinereous. Length of the body 4 lines ; of the wings 9 lines.

a. North America. From Mr. Carter's collection.

39. Teras retractana.

Mas. *Rufescente-cervina ; palpi articulo 3o lanceolato ; alæ anticæ apice rectangulatæ, gutta discali interiore obscure fusca, gutta exteriore nigricante, striga adhuc exteriore fusca obliqua extus cinereo diffuse marginata ; posticæ cinereæ, basi pallide ochraceæ, strigulis subtus plurimis transversis obscurioribus.*

Male. Reddish fawn-colour. Abdomen and under side much paler. Palpi full as long as the breadth of the head ; third joint

lanceolate, less than half the length of the second. Antennæ minutely pubescent. Abdomen extending a little beyond the hind wings. Fore wings sharply rectangular at the tips, with a dark brown dot in the disk near the base, and with a blackish dot in the exterior disk near the costa; this dot is near the inner side of an oblique brown streak which proceeds from the costa to the disk, and is diffusedly bordered with cinereous on its outer side; costa and exterior border almost straight, the latter very slightly oblique. Hind wings cinereous, pale ochraceous towards the base, with minute transverse streaks on the under side. Length of the body 3 lines; of the wings 8 lines.

a. United States. Presented by E. Doubleday, Esq.

40. Teras subauratana.

Mas. *Aurato-flava; abdomen albidum; alæ anticæ acutæ, ochraceo reticulatæ, spatio costali ochraceo, linea flexa furcata purpurascente; posticæ pallide aurato-flavæ.*

Male. Gilded yellow, paler beneath. Palpi porrect, much longer than the breadth of the head; second joint thickly fringed above; third lanceolate, about one-third of the length of the second. Antennæ minutely setulose. Abdomen whitish. Fore wings acute, closely and diffusedly reticulated with ochraceous, wholly ochraceous along the costa, adorned with a purple mark which extends along the costa for some space, then descends obliquely to the interior border, and emits a discal forked streak; the fore branch of the streak joins the costa, extends along it, and is then bent obliquely towards the exterior border; the hind branch of the fork extends towards the interior angle; costa slightly convex near the base; exterior border straight, hardly oblique. Hind wings pale gilded yellow. Length of the body 4 lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.
b. Georgia. From Mr. Milne's collection.
c. ——— ?

41. Teras tinctana.

Mas. *Cervina aut rufescens; palpi capitis latitudine paullo longiores, articulo 3o lanceolato; alæ anticæ disco nigro-nebulosæ.*

Male. Fawn-colour or reddish. Palpi porrect, fringed, a little longer than the breadth of the head; third joint lanceolate, full half the length of the second. Antennæ rather long and stout, minutely pubescent. Abdomen extending a little beyond the hind

wings. Fore wings rectangular at the tips, mostly clouded with black, except towards the base and towards the exterior border, the black hue most prevalent near the costa; costa and exterior border straight, the latter hardly oblique. Length of the body 3 lines; of the wings 8 lines.

a—*c*. United States. Presented by E. Doubleday, Esq.

42. Teras rostrana.

Fœm. *Cervina, subtus ochracea; palpi capitis latitudine duplo longiores; alæ anticæ lineis quatuor strigulisque plurimis transversis pallide cinereis nigro interlineatis; posticæ ochraceæ.*

Female. Fawn-colour, ochraceous beneath. Palpi porrect, nearly twice longer than the breadth of the head; third joint lanceolate, nearly half the length of the second. Fore wings sharply rectangular at the tips, with many pale cinereous shining transverse streaklets, which are interlined with black; some of these streaks form four variously oblique transverse lines; costa very convex towards the base; exterior border straight, not oblique. Hind wings ochraceous, indistinctly tessellated with darker ochraceous. Length of the body 3½ lines; of the wings 10 lines.

a, *b*. United States. Presented by E. Doubleday, Esq.
c. St. Domingo. From Mr. Tweedie's collection.
d. Ega. From Mr. Bates' collection.

43. Teras xanthoides.

xanthoides, *Cat. Lep. Het.* xxvii. 190 (Begunna).

a. Vancouver's Island. Presented by Dr. Lyall.

44. Teras hudsoniana.

Mas. *Nigricante-cinerea; abdomen obscure cinereum, fasciculo apicali pallide cervino; alæ anticæ subacutæ, macula discali subquadrata pallide cinerea, strigulis paucis transversis exterioribus nigris; posticæ cinereæ, fimbria longissima.*

Male. Blackish cinereous, cinereous beneath. Palpi porrect, not fringed, as long as the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Antennæ minutely pubescent. Abdomen dark cinereous, extending a little beyond the hind wings; apical tuft pale fawn-colour. Fore wings slightly acute, with a pale cinereous subquadrate discal spot, and

with a few small transverse black streaks towards the exterior border; fringe cinereous, darker towards the base; costa almost straight; exterior border slightly convex, moderately oblique. Hind wings cinereous; fringe long, very long towards the interior border. Length of the body 4 lines; of the wings 12 lines.

a, *b*. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

45. Teras pulverosana.

Mas. *Obscure cinerea; alæ anticæ subacutæ, nigricante conspersæ, strigulis transversis indistinctis fuscis, lineis duabus nigricantibus obliquis diffusis denticulatis; posticæ pallidiores, strigulis valde indistinctis.*

Male. Dark cinereous, paler beneath. Palpi porrect, shorter than the breadth of the head; third joint conical, less than one fourth of the length of the second. Abdomen extending a little beyond the hind wings. Fore wings slightly acute, thickly and minutely blackish speckled, with minute indistinct transverse brown streaks and with two blackish oblique diffuse denticulated lines, the second extending from the costa to the hind part of the exterior border; costa convex towards the base; exterior border convex, slightly oblique. Hind wings paler, with very indistinct transverse streaks. Length of the body 3 lines; of the wings 9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

West Indies.

46. Teras Jamaicana.

Rufescens, subtus testacea; alæ anticæ vix acutæ, cinereo-nigricante subtessellatæ, fasciis duabus latis indistinctis subobscurioribus cinereo-nigricante marginatis; posticæ fuscæ.

Reddish, mostly testaceous beneath. Third joint of the palpi very short. Fore wings hardly acute, indistinctly tessellated with blackish cinereous; two broad indistinct bands, which are slightly darker than the ground hue, and are bordered with blackish cinereous; costa convex, except towards the tip; exterior border straight, not oblique, except towards the anterior angle. Hind wings brown. Length of the body 5? lines; of the wings 12 lines.

a. Jamaica.

47. Teras restitutana.

Fœm. *Pallide cervina, subtus ochracea; palpi capitis latitudine valde longiores; alæ anticæ cinereo subtessellatæ, lineis quatuor cinereis indistinctis nigricante punctatis; posticæ ochraceæ.*

Female. Pale fawn-colour, ochraceous beneath. Palpi porrect, very much longer than the breadth of the head; second joint fringed above; third elongate-conical, not more than one-third of the length of the second. Fore wings shining, rectangular at the tips, very indistinctly tessellated with pale cinereous; four slender oblique indistinct pale cinereous lines, which are accompanied by some blackish points; third line not extending far from the costa; fourth submarginal, approaching the third towards the interior angle; costa slightly convex along the basal half; exterior border straight, not oblique. Hind wings ochraceous. Length of the body 3? lines; of the wings 9 lines.

a. St. Domingo. From Mr. Tweedie's collection.

48. Teras repandana.

Fœm. *Rufescente-ferruginea; palpi capitis latitudine longiores, articulo 3o lineari nigricante; antennæ apice subcrenulatæ; thorax nigricante fasciatus; alæ tessellatæ; anticæ fascia media latissima nigricante subexcavata, fimbria subnigricante.*

Female. Reddish ferruginous. Palpi porrect, longer than the breadth of the head; second joint with a short fringe; third linear, blackish, about half the length of the second. Antennæ stout, minutely crenulated towards the tips. Thorax with a blackish band. Abdomen extending a little beyond the hind wings. Wings rather narrow, tessellated with a slightly darker hue. Fore wings slightly rounded at the tips, with a very broad middle blackish band which occupies more than half the surface, and is somewhat excavated; fringe with a blackish tinge; costa straight; exterior border slightly convex, very oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

49. Teras connexana.

Mas. *Cervina; alæ anticæ apice rectangulatæ, atomis nonnullis fuscis et nigricantibus, fasciis duabus fuscis obliquis indistinctis nigro-fusco marginatis, 2a valde abbreviata, punctis costalibus nigricantibus; posticæ pallide ochraceo-cervinæ, subtus strigatæ.*

Male. Fawn-colour, pale ochraceous and fawn-colour beneath. Palpi porrect, much longer than the breadth of the head; second joint with a short thick fringe above; third elongate-conical, not more than one-fourth of the length of the second. Antennæ very minutely setulose. Fore wings sharply rectangular at the tips, with a few brown and blackish speckles, and with two indistinct oblique brown bands, which are partly and concisely bordered with dark brown; second band almost obsolete, except towards the costa; costa convex towards the base, very straight and with a few blackish points exteriorly; exterior border straight, not oblique. Hind wings pale ochraceous fawn-colour; transverse streaklets darker, hardly apparent above; fringe cinereous, interlined with brownish towards the base. Length of the body 4 lines; of the wings 10 lines.

a. Venezuela. From Mr. Dyson's collection.

50. Teras excerptana.

Fœm. *Pallidissime cervina; palpi capitis latitudine non breviores; alæ conspersæ; anticæ striga postica fusca diffusa latissima lineam anticam nigram obliquam ex parte includente; posticæ subcervino-albidæ.*

Female. Very pale fawn-colour. Palpi porrect, stout, as long as the breadth of the head; third joint conical, hardly one-fourth of the length of the second. Abdomen extending a little beyond the hind wings. Wings elongate, with many minute darker speckles. Fore wings acute, with a diffuse very broad brown streak, which proceeds from beyond the middle of the disk to the exterior border, and is partly traversed by a black line, which proceeds outward from two-thirds of the length of the costa to the disk; costa and exterior border very slightly convex, the latter moderately oblique. Hind

wings whitish, hardly tinged with fawn-colour. Length of the body 4 lines; of the wings 12 lines.

Brazil. In Mr. Saunders' collection.

51. Teras saturatana.

Fœm. *Cervina; caput ferrugineum; palpi fimbriati, capitis latitudine longiores, articulo 3o lanceolato; alæ anticæ asperæ, vix acutæ, costa lineisque duabus subarcuatis submarginalibus ferrugineis, costa subrecta; posticæ obscure flavescentes, ferrugineo tessellatæ.*

Female. Fawn-colour. Head and palpi ferruginous. Palpi porrect, fringed, longer than the breadth of the head; third joint lanceolate, about half the length of the second. Abdomen extending a little beyond the hind wings. Fore wings hardly acute, somewhat rough with small clusters of slightly ascending scales, ferruginous along the costa, with two slightly curved ferruginous submarginal lines; costa and exterior border almost straight, the latter slightly oblique; under side and hind wings dull yellowish, tessellated with fawn-colour. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Honduras. Presented by H. T. Stainton, Esq.

52. Teras? negatana.

Mas. *Cinereo-ferruginea; alæ anticæ acutæ, subfalcatæ, puncto discali exteriore albo, fimbria albida, margine exteriore flexo; posticæ cinereæ.*

Male. Cinereous-ferruginous, more cinereous beneath. Abdomen cinereous, extending a little beyond the hind wings. Fore wings acute, very slightly falcate, with a white costal point at three-fourths of the length; fringe whitish; costa very slightly convex along more than half the length from the base; exterior border forming a rounded angle in the middle, slightly curved inward in front. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Rio Janeiro. In Mr. Fry's collection.

South Africa.

53. Teras capensana.

Mas. *Pallide cervina; alæ anticæ acutæ, strigulis plurimis transversis fuscescentibus; posticæ pallide cinereæ.*

Male. Pale fawn-colour, mostly pale cinereous beneath. Palpi porrect, rather slender, almost as long as the breadth of the head; second joint slightly fringed above; third elongate-conical, about one-fourth the length of the second. Antennæ setulose. Abdomen extending beyond the hind wings. Fore wings acute, with very numerous transverse minute brownish streaks; costa convex towards the base; exterior border oblique hindward. Hind wings pale cinereous. Length of the body 4 lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

54. Teras reciprocana.

Fœm. *Pallide testacea; palpi capitis latitudine paullo longiores, articulo 3o longi-conico; alæ tessellatæ; anticæ costa basi subconvexa; posticæ albido-cinereæ.*

Female. Pale testaceous, paler beneath. Palpi porrect, a little longer than the breadth of the head; third joint elongate-conical, about one-fourth of the length of the second. Abdomen not extending beyond the hind wings. Wings tessellated, with numerous transverse darker speckles. Fore wings rectangular at the tips; costa slightly convex towards the base; exterior border hardly oblique. Hind wings whitish cinereous, indistinctly tessellated. Length of the body 4 lines; of the wings 13 lines.

a. Cape. From M. Dregé's collection.

55. Teras meridionana.

Mas. *Pallide cervina; alæ strigulis plurimis transversis indistinctis obscurioribus; anticæ acutæ; posticæ albido-cinereæ.*

Male. Pale fawn-colour, pale cinereous beneath. Palpi porrect, subrostriform, nearly as long as the breadth of the head; second joint fringed above; third conical, less than one-fourth of the length of the second. Antennæ setulose. Abdomen hardly extending

beyond the hind wings. Wings with numerous little indistinct transverse darker streaks. Fore wings acute; costa especially convex towards the base; exterior border convex, moderately oblique. Hind wings whitish cinereous. Length of the body 3½—4 lines; of the wings 9—10 lines.

a, *b*. South Africa. Presented by Sir A. Smith.

Ceylon.

56. Teras divisana.

Fuscescente-cinerea; palpi fimbriati; alæ strigulis plurimis fuscis; anticæ plaga costali maxima trigona fuscescente, squamis asperis discalibus punctisque marginalibus nigris.

Brownish cinereous. Palpi much compressed, very slightly ascending, thickly fringed above and beneath; third joint very short. Wings with numerous minute transverse brown streaks. Fore wings with a brownish patch, which occupies much more than half the exterior part of the costa, and forms an angle in the middle of the disk, whence it is narrowed to the tip of the costa; a few black erect scales here and there in the disk, and some black minute marginal points; costa convex, except towards the tip; exterior border convex, rather oblique. Length of the body 4 lines; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.

57. Teras extensana.

Cinereo-cervina; palpi late fimbriati, capitis latitudine vix breviores; alæ longiusculæ, fusco conspersæ; anticæ vix acutæ, nigricante subconspersæ, vitta costali lata obscuriore, lituris costalibus quatuor nigricantibus.

Cinereous fawn-colour. Palpi porrect, broadly fringed, nearly as long as the breadth of the head; third joint conical, very minute. Wings brown-speckled, rather long. Fore wings hardly acute, with a darker fawn-coloured costal stripe, which occupies more than half of the exterior length of the wing, and nearly half its breadth; speckles here and there blackish; costa almost straight, with four blackish marks along its exterior part; exterior border slightly convex, very oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

Australia.

58. Teras responsana.

Mas. *Pallidissime cervina; palpi sat graciles, caput vix superantes; thorax cervino fasciatus; alæ anticæ macula costali basali, lituris quatuor posticis fasciaque exteriore obliqua ferrugineis, punctis exterioribus transversis nigricantibus.*

Male. Very pale fawn-colour. Palpi porrect, rather slender, hardly extending beyond the head; third joint extremely small. Antennæ minutely pubescent. Thorax with a dark fawn-coloured band. Fore wings rectangular at the tips, with a ferruginous spot near the base of the costa, and with four ferruginous marks along the basal part of the interior border; an exterior oblique ferruginous band, which is concise and slightly undulating on the inner side and diffuse on the outer side; several transversely elongated blackish points towards the exterior border; costa almost straight; exterior border slightly convex, moderately oblique. Hind wings cinereous-brown; fringe pale cinereous; under side pale cinereous, transversely speckled with brown. Length of the body 5? lines; of the wings 14 lines.

a. Australia. Presented by Major-Gen. Hardwicke.

59. Teras postvittana.

Fœm. *Flavescens; abdomen flavescente-cinereum, alæ anticæ acutæ, punctis nonnullis vittaque postica extus dilatata rufescentibus; posticæ cinereæ.*

Female. Yellowish, yellowish cinereous beneath. Palpi porrect, as long as the breadth of the head; second joint fringed above; third conical, very minute, not more than one-sixth of the length of the second. Abdomen yellowish cinereous. Fore wings acute, with several reddish points and with a reddish stripe; the latter extends along the interior border, and is dilated towards the exterior border, which it occupies to the tip; costa convex for half the length from the base; exterior border oblique hindward. Hind wings cinereous. Length of the body 4 lines; of the wings 11 lines.

a. Sydney. From Mr. Lambert's collection.

60. Teras dotatana.

Fœm. *Subochracea, subtus pallide fuscescens; abdomen pallide cinereum; alæ strigulis plurimis transversis obscurioribus; anticæ apice rectangulatæ, fimbria fusco punctata; posticæ pallide subflavescente-cinereæ.*

Female. Dull ochraceous, paler beneath. Palpi porrect, as long as the breadth of the head; second joint slightly fringed; third conical, not more than one-fourth of the length of the second. Abdomen pale cinereous. Wings with numerous minute transverse darker streaks. Fore wings rectangular at the tips; fringe with brown points; costa convex towards the base; exterior border oblique and convex hindward. Hind wings pale cinereous, with a slight yellowish tinge. Length of the body $5\frac{1}{2}$ lines; of the wings 16 lines.

a. Tasmania. From the Entomological Society's collection.

61. Teras mersana.

Fœm. *Ferruginea; palpi fimbriati, capitis latitudine non breviores; articulo 3o conico; alæ fusco subtessellatæ; anticæ apice subrotundatæ, macula costali maculaque discali interiore obscurioribus indistinctis, costa convexa; posticæ cinereæ.*

Female. Ferruginous. Palpi porrect, fringed, about as long as the breadth of the head; third conical, less than one-fourth of the length of the second. Abdomen and hind wings dark cinereous, pale cinereous beneath. Wings tessellated with brown, the streaklets indistinct, except on the under side of the hind wings. Fore wings slightly rounded at the tips, with an indistinct darker discal spot near the base, and with another spot on the costa at one-third of the length; costa convex along most of the length; exterior border slightly oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Australia. From Mr. Diggles' collection.

62. Teras scitulana.

Mas. *Pallidissime cervina; alæ anticæ subacutæ, cervino conspersæ, lituris quatuor saturate cervinis, 1a parva costali, 2a e fascia obliqua intus concisa extus diffusa, 3a e striga exteriore costali, 4a e fascia obliqua submarginali, spatio marginali punctis fuscis trilineato; posticæ cinereæ, fuscescente strigatæ.*

Male. Very pale fawn-colour, paler beneath. Palpi porrect, shorter than the breadth of the head; second joint fringed above; third conical, very minute. Antennæ very minutely setulose and pubescent. Abdomen extending a little beyond the hind wings. Fore wings slightly acute, speckled with fawn-colour; four deeper fawn-coloured marks; first mark small, near the base of the costa; second forming an oblique middle band, which is diffuse on the outer side, and is concisely bordered on the inner side by a pale line, the latter partly marked with black; third mark forming an exterior costal streak; fourth forming an oblique submarginal band, joining the first band on the interior border; costa convex towards the base; exterior border slightly convex, rather oblique; marginal space with three lines of brown points. Hind wings cinereous, with minute brownish streaks, which are most distinct on the under side. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

63. Teras basialbana.

Mas. *Pallide rufescens; palpi porrecti, articulo 2o fimbriato; alæ anticæ apice subrotundatæ, fusco nigroque strigatæ, dimidio basali albido, fascia fuscescente lata obliqua extus diffusa, costa basi nigro punctata, punctis marginalibus nigris; posticæ albæ, strigis plurimis pallide fuscescentibus.*

Male. Pale reddish, mostly cinereous beneath. Palpi porrect, shorter than the breadth of the head; second joint with a short thick fringe above; third conical, very minute. Abdomen pale cinereous, extending somewhat beyond the hind wings. Fore wings thinly and transversely streaked with brown, and exteriorly with black, somewhat rounded at the tips; nearly half the basal surface whitish, concisely divided from the exterior half by a broad oblique brownish band, which is diffuse on the outer side; marginal points black; costa slightly convex, with two or three black points near the base; exterior border convex, moderately oblique. Hind wings white, with numerous transverse minute pale brownish streaks. Length of the body 4 lines; of the wings 9 lines.

a. Australia. Presented by R. Bakewell, Esq.

64. Teras similana.

Mas. *Cinereo-cervina; alæ sericeæ, strigulis plurimis transversis fuscis; anticæ apice rotundatæ, plaga subapicali trigona nigricante; posticæ flavescente-cinereæ.*

Male. Cinereous fawn-colour, more cinereous beneath. Palpi porrect, extending a little beyond the head; third joint linear, obtuse, not more than one-third of the length of the second. Antennæ very minutely setulose. Abdomen with large apical fringed valves. Wings sericeous, with numerous little transverse brown streaks. Fore wings somewhat rounded at the tips, with a triangular blackish patch near the tip; costa and exterior border very slightly convex, the latter very slightly oblique. Hind wings yellowish cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

65. Teras secretana.

Fœm. *Cinereo-cervina; palpi capitis latitudine paullo breviores, articulo 3o conico; alæ anticæ fusco nigroque tessellatæ, costa basi subconvexa, margine exteriore postico perobliquo; posticæ pallide cinereæ, fuscescente tessellatæ.*

Female. Cinereous fawn-colour. Palpi porrect, rather slender, a little shorter than the breadth of the head; third joint conical, less than one-fourth of the length of the second. Abdomen extending a little beyond the hind wings. Fore wings rectangular, at the tips, with numerous minute transverse brown and black speckles; costa slightly convex towards the base; exterior border very oblique hindward. Hind wings pale cinereous, tessellated with pale brown. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. Australia. From Mr. Hunter's collection.

66. Teras solana.

Mas. *Pallide cervina, subtus cinerea; alæ strigulis plurimis transversis fuscis; anticæ vix acutæ, fasciis tribus obliquis fuscis, 1a basali indeterminata, 3a antica brevissima; posticæ disco basali nigricante-fusco.*

Male. Pale fawn-colour, mostly cinereous beneath. Palpi porrect, rather shorter than the breadth of the head; second joint thickly fringed above; third conical, less than one-fourth of the

length of the second. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Wings with numerous minute transverse brown streaks. Fore wings hardly acute, with three brown oblique bands; first band basal, incomplete; second entire; third very short, extending from the costa to the fore part of the disk; costa and exterior border straight, the latter slightly oblique. Hind wings with the disk towards the base blackish brown. Length of the body $2\frac{1}{4}$ lines; of the wings $6\frac{1}{2}$ lines.

a. Moreton Bay. From Mr. Diggles' collection.

67. Teras miserana.

Fœm. *Cinerea; alæ anticæ acutæ, strigulis transversis obscurioribus valde indistinctis, strigulis costalibus et submarginalibus nigris, maculis duabus costalibus unaque postica obscure cinereis.*

Female. Cinereous. Palpi porrect, as long as the breadth of the head; second joint thickly fringed; third joint elongate-conical, not more than one-fourth of the length of the second. Fore wings acute, with darker transverse and very indistinct streaks, and with black streaks along the costa and towards the exterior border; two darker cinereous costal spots, the first forming, with another spot on the interior border, an incomplete oblique band; costa convex towards the base; exterior border slightly convex and oblique. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

68. Teras canigerana.

Mas. *Cinerea; palpi capitis latitudine paullo longiores, articulo 3o brevissimo; abdomen albidum, fasciculo denso apicali; alæ anticæ elongatæ, sat angustæ, apice subrotundatæ, e strigulis nigris transversis sublineatæ, costa pilosa basi convexa; posticæ albidæ.*

Male. Cinereous. Palpi porrect, fringed above, a little longer than the breadth of the head; third joint extremely short. Antennæ smooth. Abdomen whitish, stout, linear, with a thick short apical tuft extending a little beyond the hind wings. Wings elongate, rather narrow. Fore wings slightly rounded at the tips, with some black transverse streaks, which mostly form a few incomplete

lines; costa pilose, convex and prominent towards the base; exterior border extremely oblique hindward. Hind wings whitish. Length of the body 3 lines; of the wings 9 lines.

a. Australia. Presented by R. Bakewell, Esq.

69. Teras immersana.

Mas. *Subcervino-cinerea; alæ anticæ striga obliqua basali, vitta costali exteriore, vitta postica maculisque duabus discalibus exterioribus fuscis nigro marginatis; posticæ strigulis plurimis transversis fuscescentibus.*

Male. Cinereous, slightly tinged with fawn-colour. Palpi porrect, diverging, a little shorter than the breadth of the head; second joint with a short thick fringe; third elongate-conical, not more than one-fourth of the length of the second. Antennæ very minutely setulose. Abdomen extending a little beyond the hind wings; apical tuft small. Hind tibiæ slightly dilated and fringed; spurs long. Fore wings rectangular at the tips, with a brown oblique streak extending from near the base of the costa to the disk, with a brown exterior costal stripe, which is attenuated at each end, with an irregular brown stripe along the interior border, and with two irregular brown spots in the exterior disk; these marks are slightly black-bordered; costa very slightly oblique; exterior border convex and oblique hindward. Hind wings with numerous minute transverse brownish streaks, which are most distinct on the under side. Length of the body 5 lines; of the wings 16 lines.

a. Sydney. From Mr. Diggles' collection.

New Zealand.

70. Teras obliquana.

Fœm. *Cervina; abdomen cinereum, linea dorsali nigricante, subtus punctis nigris bilineatum; alæ elongatæ, latiusculæ, strigulis plurimis transversis obscurioribus; anticæ acutæ, punctis marginalibus nigricantibus, striga costali oblique lata fusca, vitta postica fasciaque submarginali fuscis interruptis; posticæ cinereæ.*

Female. Fawn-colour, cinereous beneath. Frontal tuft prominent. Palpi porrect, full as long as the breadth of the head; second joint fringed; third linear, slender, rounded at the tip, less than one-fourth of the length of the second. Abdomen cinereous,

with an interrupted blackish dorsal line; under side with two rows of black points. Wings elongate, rather broad, with numerous little transverse darker streaks; these are obsolete on part of the fore wings. Fore wings acute, with some blackish points, which are mostly marginal, with a broad oblique brown costal streak, and with some other broad brown streaks, which form an incomplete stripe along the interior border, and an incomplete submarginal band; costa convex towards the base; exterior border slightly convex and oblique, except towards the tip. Hind wings cinereous; under side with darker streaks. Length of the body 5 lines; of the wings 14 lines.

a. New Zealand. Presented by Col. Bolton.

71. Teras excessana.

Mas et fœm. *Cervina; abdomen cinereum; alæ anticæ strigulis plurimis transversis obscurioribus; anticæ apice rectangulatæ, puncto discali diffusa nigricante; posticæ cinereæ.*

Male and female. Fawn-colour, paler beneath. Palpi porrect, full as long as the breadth of the head; third conical, not more than one-sixth of the length of the second. Antennæ setulose. Abdomen cinereous. Wings with numerous minute transverse darker streaks. Fore wings rectangular at the tips, with a blackish diffuse discal point; costa slightly convex towards the base; exterior border very slightly convex and oblique. Hind wings cinereous. *Male*.—Antennæ setulose. Abdomen extending a little beyond the hind wings. Length of the body 5 lines; of the wings 12—14 lines.

a—c. Auckland, New Zealand. From Mr. Oxley's collection.

72. Teras oblongana.

Fœm. *Cinereo-cervina; alæ elongatæ, strigis plurimis transversis indistinctis obscurioribus; anticæ apice rectangulatæ, strigis duabus discalibus unaque subcostali strigulisque nonnullis nigris; posticæ cinerascentes.*

Female. Dull cinereous fawn-colour, hardly paler beneath. Palpi porrect, as long as the breadth of the head; second joint fringed; third conical, not more than one-sixth of the length of the second. Wings elongate, with numerous transverse minute indistinct darker streaks. Fore wings acute, rectangular at the tips, with three short black streaks, of which two are discal and one is

subcostal; a few little black streaks amongst the others; costa slightly convex towards the base; exterior border slightly convex and oblique hindward. Hind wings more cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

73. Teras inaptana.

Mas. *Fuscescente-cinerea; alæ strigulis plurimis transversis obscurioribus; anticæ apice rectangulatæ, fasciis duabus obliquis abbreviatis subobscurioribus,* 1*a intus nigro marginata,* 2*a subinterrupta costam versus valde dilatata, punctis apud marginem interiorem nigris.*

Male. Brownish cinereous. Palpi porrect, nearly as long as the breadth of the head; second joint fringed; third conical, about one-sixth of the length of the second. Antennæ minutely setulose and pubescent. Wings with numerous minute transverse darker streaks. Fore wings rectangular at the tips, with two slightly darker oblique bands; first band much abbreviated hindward, concisely bordered with black on the inner side; second much dilated towards the costa, nearly interrupted in the middle, abbreviated hindward; interior border with black points; costa almost straight; exterior border slightly convex and oblique. Hind wings hardly paler than the fore wings. Length of the body 3 lines; of the wings 8 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

74. Teras incessana.

Mas. *Obscure cinerea; abdomen cinereum; alæ strigulis plurimis transversis fuscescentibus; anticæ apice rectangulatæ, lineis quatuor transversis fuscis,* 1*a lata cinereo pallido marginata; posticæ pallide cinereæ.*

Male. Dark cinereous, paler beneath. Palpi porrect, a little longer than the breadth of the head; second joint thickly fringed; third elongate-conical, about one-fourth of the length of the second. Antennæ setulose, pubescent. Abdomen cinereous, extending a little beyond the hind wings. Wings with numerous minute transverse brownish streaks. Fore wings rectangular at the tips, with four irregular brown more or less complete transverse lines; first line much broader than the others, bordered with pale cinereous; costa and exterior border slightly convex, the latter slightly

oblique. Hind wings pale cinereous. Length of the body 3½ lines; of the wings 9 lines.

a, *b*. Auckland, New Zealand. From Mr. Oxley's collection.
c. New Zealand. Presented by Col. Bolton.

75. Teras spurcatana.

Mas. *Cervina; thoracis discus nigricante-cinereus; alæ strigulis plurimis transversis obscurioribus; anticæ acutæ, cruce fusca e fasciis duabus latis obliquis, punctis costalibus et marginalibus nigris; posticæ cinereæ.*

Male. Fawn-colour. Palpi porrect, as long as the breadth of the head; second joint slightly fringed; third conical, not more than one-sixth of the length of the second. Antennæ setose. Disk of the thorax blackish cinereous. Abdomen hardly extending beyond the hind wings. Wings with numerous minute transverse darker streaks, which are most distinct on the hind wings. Fore wings acute, with two broad oblique brown bands, which intersect each other, and form an irregular cross; costal and marginal points black; costa and exterior border slightly convex, the latter slightly oblique. Hind wings cinereous. Length of the body 3½ lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

76. Teras biguttana.

Mas et fœm.—*Ferrugineo-rufa; alæ elongatæ, strigulis plurimis transversis obscurioribus; anticæ acutæ, macula disculi punctisque apud marginem interiorem pallidis; posticæ cinereæ.* Mas.—*Alæ anticæ macula flava.* Fœm.—*Alæ anticæ macula alba, strigulis paucis nigris.*

Male and female. Ferruginous-red, mostly cinereous beneath. Palpi porrect, almost as long as the breadth of the head; second joint densely fringed above; third elongate-conical, about one-fourth of the length of the second. Wings elongate, with very numerous little transverse darker streaks. Fore wings acute, with a pale spot in the disk before the middle, and with a few pale points along the interior border; costa slightly convex; exterior border convex, except in front, oblique hindward. Hind wings cinereous. *Male.*—Antennæ setulose. Abdomen yellowish cinereous, extending beyond the hind wings; appendages large, densely pilose. Spot and points of the fore wings yellow. *Female.*—Fore wings with a few little

transverse black streaks; spot and points white. Length of the body $3\frac{1}{2}$—$4\frac{1}{2}$ lines; of the wings 9—11 lines.

a, *b*. Auckland, New Zealand. From Mr. Oxley's collection.

77. Teras conditana.

Mas. *Cervina, subtus pallide cinerea; alæ anticæ apice rectangulatæ, plaga costali elongata nigricante-cinerea; posticæ albido-cinereæ, strigulis plurimis transversis obscure cinereis.*

Male. Fawn-colour, pale cinereous beneath. Palpi porrect, full as long as the breadth of the head; third joint elongate-conical, not more than one-fourth of the length of the second. Antennæ setulose and pubescent. Abdomen cinereous, extending a little beyond the hind wings. Fore wings rectangular at the tips, with a blackish cinereous costal patch, which is narrower exteriorly and extends nearly to the tip; costa and exterior border almost straight, the latter not oblique. Hind wings whitish cinereous, with numerous transverse dark cinereous streaklets. Length of the body 4 lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

78. Teras servana.

Fœm. *Subcervino-cinerea; alæ strigulis plurimis transversis obscurioribus; anticæ apice rectangulatæ; posticæ cinereæ.*

Female. Cinereous, slightly tinged with fawn-colour. Wings with numerous minute transverse darker streaks. Fore wings rectangular at the tips; costa slightly convex towards the base; exterior border slightly convex and oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 12 lines.

a. New Zealand. Presented by Col. Bolton.

79. Teras semiferana.

Mas. *Cinereo-cervina; palpi capitis latitudine vix breviores, articulo 3o conico; alæ anticæ acutæ, fascia obliqua postice abbreviata guttaque subcostali subapicali nigricantibus; posticæ pallide cinereæ, fuscescente conspersæ.*

Male. Cinereous fawn-colour, pale cinereous beneath. Palpi porrect, nearly as long as the breadth of the head; second joint fringed above; third conical, not more than one-fourth of the length of the second. Abdomen extending beyond the hind wings.

Fore wings acute, with a short oblique blackish band, which extends from the middle of the costa to the disk; a blackish dot on the costa near the tip; costa straight; exterior border slightly convex, rather oblique. Hind wings pale cinereous, with pale brownish speckles. Length of the body 2 lines; of the wings 5 lines.

a. New Zealand. Presented by Col. Bolton.

80. TERAS PRISCANA.

Mas. *Cinereo-cervina; palpi capitis latitudine valde longiores, articulo 3o longi-conico; alæ anticæ apice subrotundatæ, strigulis plurimis transversis nigricantibus, gutta discali nigra; posticæ cinereæ, fusco tessellatæ.*

Allied to *T. servana*. *Male*.—Cinereous fawn-colour. Palpi porrect, very much longer than the breadth of the head; second joint with a short fringe above; third elongate-conical, hardly one-fourth of the length of the second. Antennæ setulose. Abdomen extending a little beyond the hind wings. Fore wings slightly rounded at the tips, with numerous transverse blackish speckles, and with a small black dot at the end of the discal areolet; costa almost straight; exterior border slightly convex, very oblique. Hind wings cinereous, tessellated with brown. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. New Zealand. Presented by Col. Bolton.

81. TERAS ANTIQUANA.

Fœm. *Cana; palpi capitis latitudine non breviores, articulo 3o longi-conico; alæ anticæ apice rotundatæ, nigricante subtessellatæ, lituris duabus discalibus transversis nigricantibus; posticæ pallide cinereæ.*

Allied to *T. servana*. *Female*.—Hoary, pale cinereous and shining beneath. Palpi porrect, as long as the breadth of the head; second joint thickly pilose; third smooth, slender, elongate-conical, less than half the length of the second. Abdomen extending a little beyond the hind wings. Fore wings rounded at the tips, very incompletely tessellated with blackish, the transverse streaks most apparent along the costa and along the interior border; a black transverse mark at the tip of the discal areolet, and another at the base of the third inferior vein; marginal points blackish; costa almost straight; exterior border slightly convex, very oblique. Hind wings

pale cinereous, shining. Length of the body 4 lines; of the wings 11 lines.

a, *b*. New Zealand. Presented by Col. Bolton.

82. Teras congestana.

Mas. *Fusco-cinerea; palpi fimbriati, capitis latitudine multo longiores, articulo 3o lanceolato; alæ anticæ subconspersæ, fascia basali interrupta striyaque subcostali fuscescentibus ferrugineo marginatis; posticæ cinereæ, conspersæ.*

Male. Brownish cinereous, paler beneath. Palpi porrect, much longer than the breadth of the head; second joint fringed; third lanceolate, less than half the length of the second. Antennæ setulose. Fore wings hardly acute, with indistinct and minute darker speckles; an irregular ferruginous-bordered brownish band near the base, interrupted in the middle; an irregular brownish ferruginous-bordered streak, which extends outward from the middle of the costa, and rejoins the latter near the tip; costa very slightly convex; exterior border convex, very oblique. Hind wings cinereous, with numerous darker speckles. Length of the body 4 lines; of the wings 12 lines.

a. New Zealand. Presented by Col. Bolton.

83. Teras? maoriana.

Mas. *Cinerea; alæ anticæ apicæ rotundatæ, strigulis plurimis fuscescentibus diffusis ex parte indistinctis, fasciis quatuor fuscescentibus valde indeterminatis nigro substrigatis; posticæ lituris nullis.*

Male. Cinereous. Palpi porrect, as long as the breadth of the head; second joint fringed above; third conical, shorter than one-fourth of the length of the second. Antennæ setulose. Fore wings rounded at the tips, with numerous minute diffuse and partly indistinct brownish streaks; four indistinct and very irregular and incomplete brownish bands, in which the streaks are partly black; costa almost straight; exterior border slightly convex, very oblique. Hind wings without markings. Length of the body 5 lines; of the wings 14 lines.

a. New Zealand. Presented by Col. Bolton.

Country unknown.

84. Teras directana.

Mas. *Ochracea; caput et thorax anticus fusca; frons producta; abdomen pallide ochraceum; alæ anticæ apice rectangulatæ, strigulis plurimis transversis obscurioribus, fasciis duabus obliquis fuscis, 1a apud costam dilatata, 2a valde abbreviata, strigulis exterioribus fuscis; posticæ pallide ochraceæ.*

Male. Ochraceous. Head, palpi and fore part of the thorax brown. Front prominent. Palpi porrect, a little longer than the breadth of the head; second joint thickly fringed above; third elongate-conical, about one-fourth of the length of the second. Antennæ stout, very minutely setulose. Abdomen pale ochraceous, extending beyond the hind wings. Fore wings rectangular at the tips, with numerous minute transverse darker streaks and with two oblique brown bands; first band narrowest in the middle, dilated towards the costa; second forming a costal patch which emits a streak to the disk; exterior transverse streaklets brown; exterior border slightly convex, not oblique. Hind wings pale ochraceous. Length of the body 4 lines; of the wings 10 lines.

a. ——— ?

85. Teras caliginosana.

Mas. *Nigricante-cinerea, subtus pallide cinerea; alæ anticæ apice rectangulatæ, strigulis transversis obscurioribus supra vix conspicuis; posticæ pallide cinereæ, strigulis transversis pallide fuscescentibus.*

Male. Blackish cinereous, pale cinereous beneath. Palpi porrect, nearly as long as the breadth of the head; second joint with a short thick fringe above; third conical, hardly one-sixth of the length of the second. Antennæ very minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings rectangular at the tips; transverse streaklets hardly apparent above, distinct beneath, except in the disk, which is dark cinereous; costa slightly convex; exterior border slightly convex and oblique. Hind wings pale cinereous; transverse streaklets pale brownish, mostly distinct. Length of the body 4 lines; of the wings 12 lines.

a. ——— ?

Genus PANDEMIS.

Asia.

9. Pandemis eductana.

Rufescens; alæ anticæ purpurascente subtinctæ, strigulis plurimis transversis indistinctis obscure cinereis, spatio marginali cinereo rufescente-consperso, lituris subcostalibus nigris, lituris costalibus elongatis fuscescentibus, margine exteriore exciso; posticæ fuscæ.

Reddish. Fore wings acute, partly purplish tinged, with many indistinct minute transverse dark cinereous streaks; space along the interior and exterior border mostly cinereous, with reddish speckles; a few small black marks near the interior part of the costa; costa straight, with some elongated brownish marks, very convex towards the base; exterior border deeply excavated in front; under side and hind wings brown. Length of the body 6 lines; of the wings 16 lines.

a. Hindostan. From Archdeacon Clerk's collection.

10. Pandemis Menciana.

Fœm. *Pallide cervina, subtus ochracea; alæ anticæ chalybæo subtinctæ, cervino subtessellatæ, apice rotundatæ; posticæ pallide ochraceæ.*

Female. Pale fawn-colour, bright ochraceous beneath. Fore wings rounded at the tips, indistinctly tessellated with fawn-colour, with a slight chalybeous tinge; costa straight, very convex towards the base; exterior border excavated in front, convex and oblique hindward. Hind wings pale ochraceous. Length of the body 6 lines; of the wings 16 lines.

a. Shanghai. From the Entomological Society's collection.

Australia.

11. Pandemis secundana.

Fœm. *Cinereo-cervina; thorax guttis nigricantibus fasciatus; abdomen subtus punctis lateralibus fuscis; alæ anticæ strigulis plurimis transversis nigricantibus sæpissime indistinctis, maculis duabus subcostalibus duabusque marginalibus nigricantibus; posticæ cinereæ, fusco conspersæ.*

Female. Cinereous fawn-colour, more cinereous beneath. Palpi porrect, nearly as long as the breadth of the head; second joint with a short fringe; third elongate-conical, about one-fourth of the length of the second. Thorax with a band of blackish dots. Abdomen with brown points along each side beneath. Fore wings rectangular at the tips, with numerous but mostly indistinct minute transverse blackish streaks; two blackish very incomplete bands, indicated by two subcostal spots and by two spots on the interior border; costa very slightly convex towards the base; exterior border slightly convex and oblique. Hind wings cinereous; speckles brown, larger and fewer than those of the fore wings. Length of the body 4 lines; of the wings 12 lines.

a. Tasmania. Presented by M. Allport, Esq.

12. Pandemis mediana.

Rufescente-cervina; alæ strigulis plurimis transversis fuscis; anticæ acutæ, plaga elongata nigricante apud marginem interiorem, costa ferrugineo guttata extus reflexa.

Reddish fawn-colour, paler beneath; fringe ferruginous. Wings with numerous minute transverse brown streaks. Fore wings acute, with a large elongated blackish patch along the interior border; costa with ferruginous dots, slightly concave and reflexed exteriorly, convex towards the base; exterior border straight, hardly oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Tasmania. Presented by M. Allport, Esq.

13. Pandemis consociana.

Fœm. *Testacea; palpi porrecti, articulo 2o dense pubescente; alæ strigulis plurimis fuscis; anticæ nigro subconspersæ, fascia media obliqua fusca nigro marginata, dimidio exteriore rufescente-cervino, lituris costalibus nigricantibus; posticæ pallide cinereæ.*

Female. Testaceous. Palpi porrect, much shorter than the breadth of the head; second joint thickly pubescent above; third conical, slightly declining, not more than one-fourth of the length of the second. Wings with numerous minute transverse brown streaks. Fore wings acute, thinly speckled with black; more than half the exterior surface reddish fawn-colour, divided from the interior part by an oblique brown band, which is mostly bordered

with black; costa with some blackish marks, slightly convex towards the base; exterior border slightly convex and oblique. Hind wings pale cinereous. Length of the body 3 lines; of the wings 9 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

14. Pandemis gavisana.

Flavescens; caput et thorax anticus ochracea; palpi porrecti, articulo 2o fimbriato; alæ anticæ rufescente conspersæ, fascia strigaque apud costam dilatata rufescentibus obliquis connexis, linea marginali rufescente-fusca; posticæ albæ, subiridescentes.

Yellowish, mostly yellowish white beneath. Head and fore part of the thorax ochraceous. Palpi porrect, almost as long as the breadth of the head; second joint with a short thick fringe above; third joint acute, very minute. Abdomen whitish. Fore wings hardly acute, minutely and transversely reddish-streaked; a reddish oblique band extending from before the middle of the costa to three-fourths of the length of the interior border, connected in the disk with an oppositely oblique reddish streak, which is dilated along the costa; a reddish brown marginal line; costa convex towards the base; exterior border straight, moderately oblique. Hind wings white, slightly iridescent. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

Genus CACOECIA.

North America.

17. Cacoecia transiturana.

Mas et fœm. *Rufescente-cervina; alæ anticæ rufescente subtessellatæ, plagis tribus nigricantibus diffusis nonnunquam subobsoletis, 1a 2aque costalibus, 3a postica; posticæ testaceæ.*

Male and female. Reddish fawn-colour. Palpi obliquely ascending; third joint of the palpi small, conical. Abdomen, hind wings and under side testaceous-cinereous. Fore wings slightly tessellated with reddish; three diffuse sometimes nearly obsolete blackish patches, two costal, the third near the middle of the interior border; costa convex and prominent towards

the base. Length of the body 4½—5 lines; of the wings 10—12 lines.

a, *b*. North America. From Mr. Carter's collection.
c. ——— ?

18. Cacoecia? velutinana.

Mas. *Pallide cervina, subtus obscure cinerea; abdomen cinereum; alæ anticæ velutinæ, apice rotundatæ, squamis raris nigris, fascia latissima e plagis quatuor ferrugineis, lineis transversis indeterminatis subargenteis; posticæ obscure cinereæ, fimbria albida interlineata.*

Male. Pale fawn-colour, mostly dark cinereous beneath. Palpi porrect, very much shorter than the breadth of the head; second joint fringed; third extremely short. Antennæ stout, setulose. Abdomen cinereous, hardly extending beyond the hind wings. Fore wings velvety, rounded at their tips, with a few black speckles, and with a very broad band formed by four nearly-connected ferruginous patches; some transverse irregular incomplete slightly silvery lines; fringe pale; costa slightly convex, except towards the tip; exterior border almost straight, moderately oblique. Hind wings dark cinereous; fringe whitish, interlined. Length of the body 2½ lines; of the wings 6 lines.

a, *b*. North America. From Mr. Carter's collection.

19. Cacoecia fervidana.

Mas et fœm. *Læte ochracea; alæ anticæ purpurascente tinctæ, fasciis tribus e guttis strigisque rufescentibus, costa convexa subrecurva; posticæ aurato-luteæ.*

Male and female. Bright ochraceous. Abdomen, hind wings and under side gilded luteous. Palpi almost vertical; third joint extremely short. Antennæ stout. Fore wings purplish-tinged, with three reddish irregular interrupted bands, which are composed of dots and streaks; costa convex and slightly recurved, except towards the tip. Length of the body 4—5 lines; of the wings 9—12 lines.

a, *b*. Georgia. From Mr. Milne's collection.

20. Cacoecia triferana.

Mas. *Cervina, subtus cinerea; pedes albi; alæ anticæ acutæ, squamis sparsis spatioque exteriore argenteis, fascia latissima plagaque postica interiore ferrugineis; posticæ obscure cinereæ, apud marginem interiorem pallidiores conspersæ.*

Male. Fawn-colour, mostly cinereous beneath. Palpi porrect, shorter than the breadth of the head; second joint fringed; third extremely short. Antennæ minutely setulose. Legs white. Fore wings acute, with silvery speckles, wholly silvery towards the exterior border; a very broad ferruginous band, which is obliquely divided from a patch of the same hue near the base of the interior border; fringe reddish cinereous; costa slightly convex towards the base; exterior border very slightly convex, hardly oblique. Hind wings dark cinereous, pale cinereous with some darker speckles along the interior border; fringe whitish cinereous, interlined with dark cinereous near the base. Length of the body 3 lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

Asia.

21. Cacoecia micaceana.

Mas. *Ochracea; alæ anticæ chalybæo squamosæ, fasciis duabus interruptis fimbriaque ferrugineis, costa extus subconcava; posticæ læte ochraceæ, costa apicem versus nigricante.*

Male. Ochraceous. Abdomen, hind wings and under side brighter ochraceous. Palpi slender, obliquely ascending, not rising so high as the vertex; third joint very minute. Abdomen extending beyond the hind wings. Fore wings spangled with chalybeous scales; two ferruginous interrupted bands, the first broader than the second; fringe ferruginous, except towards the interior angle; costa convex towards the base, slightly concave exteriorly; tips rounded, but prominent; exterior border not oblique, except by the interior angle. Hind wings with the costa blackish towards the tip. Length of the body 4 lines; of the wings 9 lines.

a. Hong Kong. Presented by Major Champion.

Australia.

22. Cacoecia metaxanthana.

Mas. *Ochraceo-cervina; palpi capitis latitudine non breviores, articulo 3o conico; alæ anticæ acutæ, lineis transversis argenteo-cinereis, spatio exteriore saturatiore lituras atras includente, lineis duabus argenteo-cinereis adhuc exterioribus postice approximatis; costa subapicali fimbriaque nigro guttatis; posticæ luteæ, fusco late marginatæ.*

Male. Ochraceous fawn-colour. Palpi porrect, fringed, as long as the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ stout. Fore wings acute, with glistening transverse silvery cinereous lines; most of the exterior part darker fawn-colour, with several deep black irregular marks; two more exterior transverse silvery cinereous lines, which extend from the costa to the exterior border, where they are nearly contiguous; two black dots on the costa near the tip, and a few on the fringe; costa convex towards the base; exterior border hardly convex, moderately oblique. Hind wings luteous, with a broad brown border. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

23. Cacoecia chrysophilana.

Fœm. *Ochracea; palpi capitis latitudine vix breviores; alæ anticæ vix acutæ, fasciis saturatioribus argenteo squamosis, fimbria pallida aurata; posticæ auratæ, apice fuscæ.*

Female. Ochraceous. Palpi porrect, not fringed, almost as long as the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Fore wings hardly acute, with some irregular deeper ochraceous bands, which are accompanied by glistening silvery scales; fringe pale, gilded; costa slightly convex towards the base; exterior border hardly convex, very slightly oblique. Hind wings brightly gilded, silvery whitish along the costa, brown towards the tips. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

Genus BATODES.

North America.

3. Batodes bipustulana.

Mas et fœm. *Pallide cervina, subtus obscure cinerea; caput albidum; abdomen cinereum; alæ anticæ subacutæ, atomis nonnullis nigris, plaga costali magna elongata ferruginea, costa nigro punctata vix convexa; posticæ fuscescente-cinereæ, fimbria pallide cinerea.*

Male and female. Pale fawn-colour, dark cinereous beneath. Head and palpi whitish. Palpi porrect, shorter than the breadth of the head; second joint thickly fringed; third acute, extremely small. Abdomen cinereous, shining, extending a little beyond the hind wings. Fore wings slightly acute, with a few black speckles, paler in front towards the base, with a large elongated ferruginous patch, which is broadest in its hind part, where its hind border is convex; costa hardly convex, with black points; exterior border slightly convex, moderately oblique. Hind wings brownish cinereous; fringe pale cinereous. Length of the body 3 lines; of the wings 10 lines.

a, *b*. North America. From Mr. Carter's collection.

Mauritius.

4. Batodes inculTana.

Fœm. *Cinerea; thoracis discus fuscus, nigro marginatus; alæ anticæ acutæ, fusco conspersæ, lituris quinque variis concisis fuscis, 1a obliqua interiore postica, 2a 3a 4aque mediis, 5a obliqua antica exteriore; posticæ cinereo-fuscæ, fimbria pallida.*

Female. Cinereous. Palpi decumbent, nearly as long as the breadth of the head; third joint lanceolate, about half the length of the second. Disk of the thorax brown, black-bordered. Fore wings acute, brown-speckled, with some large concise irregular brown marks; first mark extending obliquely to the disk from near the base of the interior border; second, third and fourth forming a broad and much interrupted band; fourth very concave in front; fifth oblique, attenuated from near the costa to the middle of the exterior border; costa and exterior border straight, the latter slightly

oblique. Hind wings cinereous-brown; fringe pale. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Mauritius. From Dr. Beke's collection.

Borneo.

5. Batodes serpentinana.

Mas. *Rufescente-cervina, subtus ferruginea; alæ anticæ dimidio apicali ferrugineo vitta subcostali arcuata rufescente-cervina.*

Male. Reddish fawn-colour, stout, ferruginous beneath. Body beneath and legs mostly silvery cinereous. Abdomen and hind wings brown, the former extending a little beyond the latter. Fore wings hardly acute; apical half ferruginous, with a curved subcostal stripe, which extends to the tip; costa hardly convex; exterior border straight, slightly oblique. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

New Zealand.

6. Batodes jactatana.

Mas et fœm. *Cinereo-fusca; alæ anticæ vix acutæ, vitta brevi undulata atra, lineis duabus nigris punctularibus exterioribus, costa nigro punctata; posticæ cinereæ, strigulis plurimis transversis obscurioribus.*

Male and female. Cinereous-brown. Palpi porrect, a little shorter than the breadth of the head; second joint with a short fringe; third elongate-conical, about one-fourth of the length of the second. Fore wings hardly acute, with a deep black short undulating stripe; two lines composed of black points and abbreviated hindward, one exterior, the other submarginal; costa almost straight, with black points; exterior border slightly convex, rather oblique. Hind wings cinereous, with numerous minute transverse darker cinereous streaks. Length of the body 3—4 lines; of the wings 10—11 lines.

a, *b*. Auckland, New Zealand. From Mr. Oxley's collection.
c. New Zealand. Presented by the Rev. W. Colenso.

Genus AMPHISA.

3. Amphisa luridana.

Mas. *Nigricans; antennæ setosæ; alæ anticæ vix acutæ, spatio exteriore subcupreo, lineis indistinctis fasciaque lata cinereis diffusis; posticæ cupreo-fuscæ, fimbria obscure cinerea fusco interlineata.*

Male. Blackish. Palpi porrect, slender, much shorter than the breadth of the head; third joint extremely minute. Antennæ setose, not pectinated. Abdomen not extending beyond the hind wings. Fore wings hardly acute, cupreous-tinged towards the exterior border; some indistinct transverse lines composed of cinereous speckles and a broad diffuse exterior cinereous band; costa straight; exterior border slightly convex, moderately oblique. Hind wings cupreous-brown; fringe dark cinereous, interlined with brown near the base. Length of the body 2½ lines; of the wings 7 lines.

a—c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

Genus DICHELIA.

North America.

8. Dichelia inconclusana.

Mas. *Pallide cervina, subtus cinerea; alæ anticæ acutæ, apud marginem interiorem saturatiores, strigulis transversis cervinis, fasciis duabus cervinis obliquis nigro notatis, striga discali brevi fusca; posticæ cinereæ.*

Male. Pale fawn-colour, cinereous beneath. Palpi porrect, very much shorter than the breadth of the head; second joint fringed above; third extremely short. Antennæ very minutely pubescent. Abdomen cinereous, extending beyond the hind wings. Fore wings acute, mostly fawn-coloured along the interior border; transverse streaklets fawn-colour, mostly obsolete; a short brown streak on the disk hindward, near the base; two fawn-coloured oblique black-marked bands; first band concise and straight on the inner side, irregular on the outer side; second marginal; costa and exterior border slightly convex, the latter moderately oblique. Hind wings cinereous. Length of the body 2½ lines; of the wings 5 lines.

a, b. North America. From Mr. Carter's collection.

9. Dichelia furcatana.

Mas. *Pallide aurato-flava, subtus alba; alæ anticæ acutæ, strigulis plurimis transversis ochraceis, strigulis nonnullis basalibus, fascia media undulata strigam emittente fasciaque obliqua exteriore strigam emittente ochraceis fusco marginatis; posticæ albæ.*

Male. Pale gilded yellow, white beneath. Palpi obliquely ascending, much shorter than the breadth of the head; third joint extremely minute. Antennæ minutely setulose. Thorax with an ochraceous band. Abdomen extending a little beyond the hind wings; appendages rather long, very pilose. Fore wings acute, with many minute transverse ochraceous streaks, and with some brown-bordered ochraceous marks; these form a few little streaks at the base, an oblique undulating band that emits a streak from its inner side to the interior border, and is connected on the interior angle with a more slender oblique band; the latter emits a short streak on its inner side; costa convex; exterior border hardly convex, hardly oblique. Hind wings white. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

South America.

10. Dichelia Venezuelana.

Mas. *Pallide cinereo-cervina; alæ elongatæ, strigis plurimis transversis obscurioribus; anticæ acutæ, punctis nonnullis nigris, macula costali elongata trigona cervina punctisque tribus nigris contiguis, fimbria cervina; posticæ pallide cinereæ.*

Male. Pale cinereous fawn-colour. Palpi porrect, shorter than the breadth of the head; second joint fringed above; third conical, not more than one-fourth of the length of the second. Abdomen hardly extending beyond the hind wings. Wings elongate, with numerous transverse darker streaks. Fore wings acute, with black points on several of the streaks, and with an elongated triangular fawn-coloured costal spot, which has three black points on its inner side; fringe fawn-colour; costa very slightly convex towards the base; exterior border slightly convex and oblique. Hind wings pale cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Venezuela. From Mr. Dyson's collection.

11. Dichelia productana.

Mas. *Cervina, subtus pallide aurato-flava; alæ subtus rufescente-cervinæ; anticæ vix acutæ, bistriente nigro-fusca, strigulis nonnullis transversis obscure fuscis; posticæ antice sub-strigatæ.*

Male. Fawn-colour. Pale gilded yellow beneath. Frontal tuft very prominent. Palpi porrect, nearly as long as the breadth of the head; second joint thickly fringed above; third conical, about one-fourth of the length of the second. Antennæ stout, thickly setulose. Abdomen extending beyond the hind wings. Wings reddish fawn-coloured beneath. Fore wings hardly acute, blackish brown from near the base to two-thirds of the length, beyond which there are some dark fawn-coloured transverse streaklets; costa slightly reflexed, very slightly convex; exterior border not oblique. Hind wings slightly streaked in front; veins very robust. Length of the body 5 lines; of the wings 13 lines.

a. Honduras. Presented by H. T. Stainton, Esq.

Asia.

12. Dichelia privatana.

Mas. *Pallide flavescens; abdomen fasciculo apicali maximo; alæ anticæ apice rectangulatæ, atomis nonnullis nigris, fasciis duabus indeterminatis cervinis, guttis quatuor costalibus cervinis obscurioribus.*

Male. Pale yellowish. Palpi porrect, much shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ very minutely pubescent. Abdomen extending rather beyond the hind wings; apical tuft extremely large. Fore wings rectangular at the tips, with a few black speckles, and with two irregular oblique fawn-coloured bands; four various darker fawn-coloured costal dots; costa straight, very convex towards the base; exterior border not oblique, rounded hindward. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Hindostan. From Archdeacon Clerk's collection.

13. Dichelia congruana.

Mas. *Pallide subcervina; abdomen sordide cinereum; alæ anticæ acutæ, strigis plurimis transversis obscurioribus, fasciis duabus obliquis fuscescentibus, 1a media, 2a subapicali.*

Male. Pale dull fawn-colour. Abdomen, hind wings and under side dingy cinereous. Abdomen with a long apical tuft, extending somewhat beyond the hind wings. Fore wings acute, with numerous minute darker transverse streaks, and with two oblique brownish bands; first band extending from one-third of the length of the costa to beyond two-thirds of the length of the interior border; second extending from near the tip of the costa to the exterior border; costa and exterior border slightly convex, the latter moderately oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a—c. Shanghai. From the Entomological Society's collection.

Australia.

14. Dichelia reversana.

Mas. *Pallide cervina, subtus cinerea; alæ strigulis plurimis transversis obscurioribus; anticæ acutæ, dimidio apicali obliquo rufescente-cervino, strigis nonnullis exterioribus nigris; posticæ cinereæ.*

Male. Pale fawn-colour, cinereous beneath. Palpi porrect, nearly as long as the breadth of the head; second joint slightly fringed above; third extremely short. Antennæ minutely setulose and pubescent. Abdomen extending a little beyond the hind wings. Wings with numerous minute transverse darker streaks. Fore wings acute; apical half obliquely deep reddish fawn-colour; some transverse black streaks towards the exterior border; costa and exterior border slightly convex, the latter moderately oblique. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Sydney. From Mr. Diggles' collection.

15. Dichelia fœdana.

Fœm. *Cervina; alæ anticæ acutæ, nigricante conspersæ, macula postica interiore, fascia media subinterrupta plagaque marginali nigricantibus; posticæ cinereæ, strigulis plurimis obscurioribus.*

Female. Fawn-colour, a little paler beneath. Palpi porrect, a little longer than the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Fore wings acute, blackish speckled, with a blackish spot on the interior border near the base, and with a blackish middle band, which is nearly

interrupted in the middle, and is continued along the border till it joins a blackish patch on the fore part of the exterior border; costa convex near the base; exterior border slightly convex and oblique. Hind wings cinereous, with numerous darker speckles. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Sydney. From Mr. Diggles' collection.

16. Dichelia sobriana.

Fœm. *Cervina; alæ anticæ strigulis plurimis transversis fasciisque tribus obliquis obscurioribus, fascia* 1a *basali,* 3a *informi intus obscuriore concisa; posticæ cinereæ, strigulis transversis plurimis obscurioribus.* Var.—*Alæ anticæ pallidiores, fasciis* 1a *et* 2a *subobsoletis.*

Female. Fawn-colour, much paler beneath. Palpi obliquely decumbent, a little longer than the breadth of the head; second joint hardly fringed; third conical, not more than one-sixth of the length of the second. Fore wings with numerous minute transverse darker streaks, and with three darker oblique bands; first band basal, most distinct near the interior border; second least regular on the inner side; third very incomplete, but with a concise darker inner border; costa slightly convex before the middle; exterior border slightly convex and oblique. Hind wings pale cinereous, with the usual minute transverse darker streaks. *Var.*—Fore wings paler; first and third bands almost obsolete; interior border quite straight on the inner side. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, *b*. Tasmania. Presented by M. Allport, Esq.

17. Dichelia retractana.

Fœm. *Cinerea, cervina suffusa; alæ strigulis plurimis transversis fuscis; anticæ acutæ, maculis duabus costalibus fuscis nigro notatis, fascia intermedia obliqua fusca ex parte nigro marginata strigam extus emittente, punctis marginalibus nigris; posticæ fuscescente-cinereæ, fimbria albido-cinerea.*

Female. Cinereous. Head, thorax and fore wings tinged with fawn-colour. Palpi porrect, almost as long as the breadth of the head; second joint with a short thick fringe above; third very minute, not more than one-sixth of the length of the second. Wings with numerous minute transverse brown streaks, which are most apparent on the under side. Fore wings acute, with two brown black-marked costal spots, one near the base, the other at two-

thirds of the length ; an intermediate oblique brown partly black-bordered band, which joins the interior border at two-thirds of the length of the latter, and thence emits a streak to the submarginal disk ; two rows of transverse black points along the exterior border ; costa convex towards the base ; exterior border hardly convex, rather oblique. Hind wings brownish cinereous ; fringe whitish cinereous. Length of the body 3 lines ; of the wings 10 lines.

a. Australia. From Mr. Damel's collection.

Genus TORTRIX.

North America.

26. Tortrix algidana.

algidana, *Mslr.*

Labrador.

27. Tortix frigidana.

Obscure cinerea ; pedes antici dense pilosi ; alæ anticæ lineis nonnullis nigricantibus transversis angulosis, lineis duabus nigris angulosis bene determinatis cinereo interlineatis, spatio intermedio ex parte subfusco, punctis marginalibus nigris ; posticæ cinereæ.

Dark cinereous, paler beneath. Palpi porrect, obtuse, very pilose, longer than the breadth of the head ; third joint extremely short. Antennæ minutely setulose and pubescent ; first joint densely pilose. Fore femora and fore tibiæ densely pilose. Fore wings with several transverse zigzag blackish lines, and with two more distinct zigzag black lines ; the latter are double, and thereby include two pale cinereous lines ; intermediate space partly and slightly tinged with brown ; marginal points black ; costa slightly convex towards the base ; exterior border convex, moderately oblique. Hind wings cinereous. Length of the body 5 lines ; of the wings 13 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

28. Tortrix conflictana.

Mas et fœm. *Fuscescente-cinerea ; alæ anticæ fusco tessellatæ, fascia media obliqua lata fuscescente nonnunquam indistincta aut subobsoleta ; posticæ fimbria cinerea.*

Male and female. Brownish cinereous, paler cinereous beneath. Palpi nearly vertical; third joint conical, minute. Fore wings tessellated with brown, the transverse lines varying in breadth and distinctness; a broad oblique brownish middle band, which is sometimes indistinct or nearly obsolete; costa convex and prominent towards the base. Hind wings with a cinereous fringe. Length of the body 5—6 lines; of the wings 14—16 lines.

a—e. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

f—j. ——— ?

29. Tortrix scriptana.

Fœm. *Schistacea, chalybæo subtincta; palpi pilosi, capitis latitudine paullo longiores, articulo 3o brevissimo; alæ anticæ lineola angulata basali, linea transversa undulata duplicata, linea exteriore indistincta angulosa, plaga postica, gutta postica lineaque submarginali angulosa diffusa nigricantibus; posticæ subtus albidæ.*

Female. Slaty cinereous, slightly tinged with chalybeous, whitish cinereous beneath. Palpi porrect, pilose, a little longer than the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Abdomen extending a little beyond the hind wings. Fore wings rectangular at the tips; marks blackish; a double transverse undulating line before the middle; an exterior indistinct zigzag line; a short angular line near the base of the costa; a small patch near the interior border and contiguous to the outer side of the double line; a dot on the fore part of the exterior disk; submarginal line zigzag, diffuse, incomplete; costa slightly convex towards the base; exterior border slightly convex and oblique. Hind wings whitish beneath. Length of the body 5 lines; of the wings 12 lines.

a. Massachusetts. From Prof. Sheppard's collection.

30. Tortrix concursana.

Obscure cervina, subtus fuscescens; palpi rostriformes; alæ anticæ acutæ, sat angustæ, punctis costalibus nigris, fasciis duabus latis diffusis nigricantibus; posticæ fuscescentes, margine exteriore rufescente.

Dull fawn-colour, brownish beneath. Palpi porrect, rostriform, as long as the breadth of the head. Fore wings acute, rather narrow, with black costal points, and with two broad diffuse

blackish bands; costa straight; exterior border slightly convex, hardly oblique. Hind wings brownish, reddish along the exterior border. Length of the body 3 lines; of the wings 7 lines.

a. North America. From Mr. Carter's collection.

Mexico.

31. Tortrix patulana.

Cinereo-cervina; alæ anticæ subfalcatæ, nigro et rufescente tessellatæ, fascia media obliqua cervina postice obsoleta, costa extus concava nigro punctata, margine exteriore antico excavato; posticæ pallidiores.

Cinereous fawn-colour, paler beneath. Palpi obliquely ascending; third joint extremely short. Fore wings subfalcate, tessellated with black and with reddish; an oblique fawn-coloured middle band, which is quite obsolete hindward; costa very convex, concave and with black points beyond the middle; exterior border convex, concave in front. Hind wings paler. Length of the body 6 lines; of the wings 18 lines.

a. Oajaca, Mexico. From M. Sallé's collection.

South America.

32. Tortrix? Marriana.

Marriana, *Cr.*

Surinam.

33. Tortrix? Walchiana.

Walchiana, *Cr.*

Surinam.

34. Tortrix? Thunberghiana.

Thunberghiana, *Cr.*

Surinam.

35. Tortrix? (N. G.?) Gerningiana.

Gerningiana, *Cr.*

Surinam.

36. Tortrix? (N. G.?) Gladbaghiana.

Gladbaghiana, *Cr.*

Surinam.

37. TORTRIX? (N. G.?) FUNERANA.

funerana, *Anon.*
Surinam.

Madeira.

38. TORTRIX SUBCOSTANA.

subcostana, *Stn.*
Madeira.

39. TORTRIX RETIFERANA.

retiferana, *Stn.*
Madeira.

40. TORTRIX? RETICULATA.

reticulata, *Stn.*
Madeira.

Africa.

41. TORTRIX INSOLATANA.

insolatana, *Gn.*
Oran.

42. TORTRIX STAGNICOLANA.

stagnicolana, *Zl.*
South Africa.

Madagascar.

43. TORTRIX INSULANA.

insulana, *Bd.*
Isle of France. Mauritius. Madagascar.

44. TORTRIX NERIANA.

neriana, *Bd.*
Isle of France. Mauritius.

Asia.

45. TORTRIX DETRACTANA.

Mas. *Pallide cervina; alæ anticæ vix acutæ, cervino subtessellatæ, fascia media obliqua subobscuriore fere obsoleta, maculis duabus costalibus fuscis nigro notatis; posticæ basi cinereæ.*

Male. Pale fawn-colour. Palpi obliquely ascending; third joint very minute. Fore wings hardly acute, indistinctly tessellated with fawn-colour; a slightly darker nearly obsolete oblique middle band; two brown black-marked costal spots. Hind wings cinereous towards the base. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

46. Tortrix invalidana.

Mas. *Pallide cinereo-cervina; palpi breves, oblique ascendentes, articulo 3o minimo; alæ fusco tessellatæ; anticæ apice rectangulatæ, fasciis duabus obliquis fuscis postice obsoletis, costa basi convexa; postice subcervino-cinereæ.*

Male. Pale cinereous fawn-colour. Palpi obliquely ascending, much shorter than the breadth of the head; third joint extremely small. Antennæ minutely pubescent. Wings tessellated with brown. Fore wings concisely rectangular at the tips, with two brown oblique bands, which are most distinct on the costa and are obsolete hindward; costa convex towards the base; exterior border straight, hardly oblique. Hind wings cinereous, with a slight tinge of fawn-colour; markings indistinct. Length of the body 3 lines; of the wings 8 lines.

a, *b*. Ceylon. Presented by Dr. Templeton.

47. Tortrix Shanghainana.

Mas. *Pallide cervina; alæ anticæ apice rectangulatæ, strigulis plurimis obscurioribus transversis, fascia media obliqua plagaque costali exteriore fuscescentibus; posticæ pallide cinereæ, cervino subtinctæ.*

Male. Pale fawn-colour, paler beneath. Palpi porrect, nearly as long as the breadth of the head; second joint with a short fringe above; third conical, not more than one-fourth of the length of the second. Antennæ very minutely setulose. Fore wings rectangular at the tips, with numerous minute transverse darker streaks, with a brownish oblique middle band, which is dilated on the costa, and with an exterior brownish costal patch; costa convex, except towards the tip; exterior border almost straight, hardly oblique. Hind wings pale cinereous, with a slight fawn-coloured tinge. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, *b*. Shanghai. From the Entomological Society's collection.

48. Tortrix affinisana.

Mas. *Cinereo-cervina ; palpi capitis latitudine breviores, articulo 3o longi-conico ; alæ anticæ acutæ, cervino conspersæ, gutta costali interiore fasciaque obliqua postice angustata fuscis ; posticæ fuscescente-cinereæ.*

Male. Cinereous fawn-colour, more cinereous beneath. Palpi porrect, shorter than the breadth of the head ; third joint elongate-conical, about half the length of the second. Abdomen extending a little beyond the hind wings. Fore wings acute, with fawn-coloured speckles, with a brown dot on the costa before the middle, and with a brown oblique band, which extends from the costa to the hind part of the exterior border, and is narrower hindward ; costa and exterior border almost straight, the latter moderately oblique. Hind wings brownish cinereous. Length of the body 2½ lines ; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

49. Tortrix pusillana.

Fœm. *Cinereo-cervina ; palpi subdecumbentes, late fimbriati, capitis latitudine breviores ; alæ anticæ acutæ, cervino conspersæ, fascia obliqua postice dilatata maculaque costali subapicali cervinis ; posticæ cinereæ, conspersæ.*

Female. Cinereous fawn-colour. Palpi slightly decumbent, shorter than the breadth of the head ; second joint broadly fringed ; third conical, minute. Abdomen cinereous, not extending beyond the hind wings. Fore wings acute, speckled with pale fawn-colour ; a fawn-coloured oblique band, which is concisely bordered on its inner side, and is widened hindward ; a costal subapical fawn-coloured spot ; costa and exterior border almost straight, the latter slightly oblique. Hind wings cinereous, with darker speckles. Length of the body 2 lines ; of the wings 5 lines.

a. Ceylon. Presented by Dr. Templeton.

Borneo.

50. Tortrix moderatana.

Mas. *Albido-ochracea ; palpi vix ascendentes, capitis latitudine multo breviores, articulo 3o conico ; alæ anticæ strigula basali fuscescente fasciisque duabus obliquis exterioribus fuscescentibus ; posticæ cinereæ.*

Male. Whitish ochraceous. Palpi rather slender, hardly ascending, much shorter than the breadth of the head; third joint conical, minute. Antennæ very minutely pubescent. Abdomen cinereous, extending rather beyond the hind wings. Fore wings rectangular at the tips, with a longitudinal brownish streak near the base, and with two oblique brownish bands; first band a little beyond the middle; second submarginal; costa slightly convex; exterior border slightly oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

51. Tortrix? fimbripedana.

Mas. *Pallide cervina, sericea, squamosa; caput pilis erectis vestitum; pedes late fimbriati; alæ anticæ atomis nonnullis nigris fuscisque, striga costali lata alba, striga exteriore obliqua lata fusca.*

Male. Pale fawn-colour, squamous, silky. Head with some erect hairs. Antennæ very stout, smooth. Femora and tibiæ broadly and thickly fringed; spurs very long. Fore wings rounded at the tips, with a broad white streak, which extends along more than half of the middle length of the costa, and is convex towards the disk; a few black and brown speckles, and a broad brown streak, which extends from near the tip of the white mark to the interior angle; costa convex towards the base; exterior border slightly convex and oblique. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

52. Tortrix? conclusana.

Mas. *Nigricans; antennæ setulosæ; alæ anticæ cinereo subconspersæ; posticæ obscure fuscæ, apud marginem obscuriores.*

Male. Blackish, brown beneath. Abdomen and hind wings dark brown, the latter paler towards the exterior border. Antennæ stout, setulose. Fore wings slightly and minutely cinereous-speckled, rectangular at the tips; costa very slightly convex along half the length from the base; exterior border straight, hardly oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

Australia.

53. Tortrix magnana.

Cana, subtus flavescens; caput et thorax fusco conspersa; alæ anticæ fusco nebulosæ, strigis plurimis undulatis nigro-fuscis, plaga postica fasciaque maculari submarginali canis; posticæ flavescentes, strigis indistinctis pallide fuscescentibus.

Hoary, mostly yellowish beneath. Head and thorax thickly brown-speckled. Palpi stout, pilose, porrect, extending beyond the head, but much shorter than its breadth; third joint very minute. Fore wings partly shaded with brown, adorned with many undulating transverse somewhat confused blackish brown streaks; these are almost obsolete in a large hoary patch near the interior angle and in a hoary macular submarginal band; costa slightly convex; exterior border forming a right angle with the costa, slightly oblique hindward. Hind wings yellowish, slightly acute, with indistinct pale brownish transverse streaks; fringe very long towards the interior angle. Length of the body 5 lines; of the wings 14 lines.

a. Sydney. From Mr. Lambert's collection.

54. Tortrix polygraphana.

Mas. *Cinereo-cervina; caput fuscum; alæ latæ, strigulis plurimis transversis obscurioribus; anticæ apice subrotundatæ, gutta basali punctisque marginalibus nigricantibus, striga subcostali obliqua fusca nigro marginata, lituris quinque costalibus exterioribus fuscis; posticæ cinereæ.*

Male. Cinereous fawn-colour, more cinereous beneath. Head and palpi brown. Palpi porrect, broad, pubescent, nearly as long as the breadth of the head; third joint conical, minute. Antennæ stout, pubescent. Abdomen extending a little beyond the hind wings. Wings broad, with very numerous little transverse streaks; these are blackish on the fore wings, brownish and more complete on the hind wings. Fore wings slightly rounded at the tips, with a blackish subcostal dot near the base, with a large oblique brown black-bordered subcostal streak, and with five small exterior brown costal marks; marginal points blackish; costa convex towards the base. Hind wings cinereous; marginal points brownish. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

55. Tortrix canana.

Albida; alæ anticæ strigis plurimis indistinctis pallide fuscis strigisque nonnullis nigris, costa perparum convexa, margine exteriore postico obliquo; posticæ albido-cinereæ, lituris nullis.

Whitish. Palpi stout, porrect, shorter than the breadth of the head; third joint very minute. Fore wings with numerous indistinct transverse pale brown streaks, and with some transverse black streaks, these are regular along the costa, irregular and various in the disk; tips rectangular; costa very slightly convex; exterior border oblique hindward. Hind wings whitish cinereous, without markings. Length of the body 5 lines; of the wings 14 lines.

a. Moreton Bay. From Mr. Diggles' collection.

56. Tortrix impletana.

Mas. *Obscure schistacea; antennæ subserratæ; abdomen sordide cinereum; tibiæ posticæ fimbriatæ; alæ anticæ strigulis plurimis transversis fuscis nigrisque; posticæ sordide cinereæ, strigulis fuscescente-cinereis.*

Male and female. Dark slaty cinereous, stout, paler beneath. Palpi obliquely ascending, not rising higher than the vertex; second joint hardly fringed; third conical, not more than one-sixth of the length of the second. Antennæ of the male minutely serrated and setulose. Abdomen dingy cinereous, extending very little beyond the hind wings; apical tuft of the male rather long. Hind tibiæ fringed, with long spurs. Wings with numerous transverse darker streaklets. Fore wings rectangular at the tips, with brown and black streaklets; some of the latter forming five or six lines; a dark reddish discal mark; costa slightly convex; exterior border oblique hindward. Hind wings dingy cinereous; streaklets brownish cinereous. Length of the body 5—6 lines; of the wings 13 lines.

a. Australia. Presented by Major-General Hardwicke.
b, *c*. Tasmania. Presented by R. Butler, Esq.

57. Tortrix dolosana.

Fœm. *Nigricante-cinerea; palpi fimbriati, capitis latitudine multo breviores; alæ anticæ elongatæ, apice subrotundatæ, atomis strigulisque atris; posticæ sordide cinereæ, atomis obscurioribus.*

Female. Blackish cinereous. Palpi porrect, fringed, contiguous, much shorter than the breadth of the head; third joint very minute. Abdomen, hind wings and under side dingy cinereous. Wings elongate. Fore wings slightly rounded at the tips, with many deep black transverse speckles, and with short deep black streaks; first and second streaks extending obliquely outward from the costa towards the disk; third discal, longitudinal; fourth and fifth transverse, submarginal; costa hardly convex; exterior border rather oblique hindward. Hind wings speckled with dark cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Tasmania. Presented by Dr. Milligan.

58. Tortrix velutinana.

Fœm. *Cinereo-nigra; abdomen pallide cinereum; alæ anticæ apice subrotundatæ, atro conspersæ, fasciis duabus indeterminatis atris, punctis tribus costalibus exterioribus albidis, fimbria albido bipunctata.*

Female. Cinereous-black. Abdomen pale cinereous. Wings elongate. Fore wings slightly rounded at the tips, with transverse deep black speckles, some of which are nearly contiguous and form two bands, of which the second is much broader than the first; three whitish points on the exterior part of the costa; fringe with two whitish points; costa very slightly convex towards the base; exterior border slightly convex, very oblique. Length of the body 5 lines; of the wings 14 lines.

a. Sydney. From Mr. Lambert's collection.

59. Tortrix signigerana.

Fœm. *Cinerea; palpi pilosi, capitis latitudine breviores, articulo 3o conico; thorax nigro notatus; alæ anticæ spissæ, apice subrotundatæ, strigulis plurimis transversis nigris, plaga discali cervina postice atro marginata, gutta exteriore atra, nebulis tribus fuscescentibus; posticæ pallide cinereæ, strigulis fuscescentibus late marginatæ.*

Female. Cinereous. Palpi porrect, pilose, not fringed, rather shorter than the breadth of the head; third joint conical, about one-fourth of the length of the second. Thorax with a transverse black mark. Wings elongate, moderately broad. Fore wings densely clothed, slightly rounded at the tips, with numerous transverse black streaklets; a fawn-coloured oblong discal patch, bordered on

the hind side by a deep black streak, which is in a line with a more exterior deep black dot; a brownish tinge behind the streak, and another beyond the patch along the costa, and a third near the hind part of the exterior border; costa almost straight; exterior border very slightly convex and oblique. Hind wings pale cinereous, transversely streaked with pale brown along the costa and towards the exterior border. Length of the body 6 lines; of the wings 16 lines.

a. Australia. Presented by Major-Gen. Hardwicke.

60. Tortrix australana.

australàna, *Lewin*.

Sydney.

New Zealand.

61. Tortrix? innotatana.

Fœm. *Cinereo-fusca; alæ anticæ vix acutæ, atomis indistinctis obscurioribus, macula punctoque exteriore costalibus albis; posticæ pallidiores, subtus conspersæ.*

Female. Cinereous-brown. Body beneath and legs cinereous. Fore wings hardly acute, with indistinct darker speckles; a white costal spot beyond the middle and a white costal point nearer the tip; costa and exterior border almost straight, the latter slightly oblique. Hind wings more cinereous, speckled beneath. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

Country unknown.

62. Tortrix indicatana.

Fœm. *Albido-cinerea; palpi basi fuscescentes, capitis latitudine non breviores, articulo 3o lanceolato; alæ anticæ fusco conspersæ et nebulosæ, lineis quatuor transversis fuscis, 1a abbreviata, 2a 3aque angulosis duplicatis, 4a angulosa diffusa, puncto discali nigro, punctis marginalibus obscure fuscis; posticæ cinereæ.*

Female. Whitish cinereous, dingy beneath. Palpi porrect, pubescent, brownish towards the base, full as long as the breadth of the head; third joint lanceolate, less than half the length of the second. Abdomen extending somewhat beyond the hind wings.

Hind tibiæ slightly fringed. Fore wings rectangular at the tips, partly shaded and speckled with brown; four transverse brown lines; first line short, extending outward from near the base of the costa to the disk; second and third zigzag, double; fourth submarginal, zigzag, diffuse; discal point black, elongated; marginal points dark brown, minute, elongated; exterior border slightly convex, hardly oblique. Hind wings cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. ——?

63. Tortrix favillana.

Mas. *Schistacea, subtus pallide cinerea; thorax nigro fasciatus; alæ anticæ albido-cinereo variæ, plagis duabus flavescente albis, litura basali lineisque duabus duplicatis angulosis nigris, litura discali rufescente, linea submarginali albida angulosa, punctis marginalibus nigris; posticæ pallide cinereæ.*

Male. Slaty cinereous, pale cinereous beneath. Palpi porrect, pilose, rather broad, a little longer than the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Antennæ smooth. Thorax with a black band. Abdomen pale cinereous, extending very little beyond the hind wings. Fore wings rectangular at the tips, partly whitish cinereous, with two irregular yellowish white patches, one in the disk near the base, the other near the tip of the costa; a black mark near the base and two black zigzag transverse double lines; submarginal line whitish, zigzag; marginal points black; a slight reddish discal mark; costa convex near the base; exterior border slightly oblique hindward. Hind wings pale cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. ——?

Genus LOPHODERUS.

North America.

9. Lophoderus vestitanus.

Mas. *Subochraceus, subtus albus; alæ anticæ albidæ, velutinæ, vix acutæ, fasciis duabus basalibus lineisque tribus exterioribus subochraceis, fascia lata subochracea cinereo nebulosa, macula costali subapicali cinerea.*

Male. Dull ochraceous, white beneath. Head paler in front. Palpi porrect, pubescent, hardly extending beyond the head;

third joint short. Fore wings whitish, velvety, hardly acute, with two dull ochraceous bands; one basal, the other near the base; an exterior dilated band, which has a cinereous disk; three more exterior dull ochraceous transverse lines; a cinereous costal subapical spot. Hind wings cinereous, whitish in front. Length of the body 3 lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

10. Lophoderus melaleucanus.

Mas et fœm. *Albido-cinereus; thorax fuscescens; alæ anticæ vitta postica latissima cinereo-fusca.* Mas.—*Abdomen supra fuscescens.*

Male and female. Whitish, sericeous. Palpi porrect, much shorter than the breadth of the head; third joint conical, very minute, much less than one-fourth of the length of the second. Thorax brownish. Abdomen extending beyond the hind wings. Fore wings hardly acute, with a very broad cinereous-brown stripe, which extends along the whole length of the interior border; costa and exterior border very slightly convex, the latter slightly oblique. *Male.*—Antennæ setulose. Abdomen brownish above; apical tuft large. Length of the body 4 lines; of the wings $8\frac{1}{2}$—11 lines.

a, *b*. North America. From Mr. Carter's collection.

South America.

11. Lophoderus xanthophilanus.

Fœm. *Læte ochraceus; palpi graciles, læves, breves; alæ anticæ apice subrotundatæ, fasciis tribus flavescentibus diffusis, 1a basali, 2a obliqua, 3a apicali.*

Female. Bright ochraceous. Palpi porrect, smooth, slender, extending very little beyond the head; third joint extremely short. Abdomen extending very little beyond the hind wings. Fore wings slightly rounded at the tips, with three yellow bands; the two hues somewhat blended; first band basal; second exterior, oblique; third apical; costa and exterior border very slightly convex. Length of the body 2 lines; of the wings $6\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

Australia.

12. Lophoderus lætiferanus.

Mas. *Purpurascente-rufus; abdomen pallide ochraceum; alæ anticæ peracutæ; postice subochraceæ fasciis duabus roseis postice connexis, 2a marginali lineam cineream includente; posticæ pallide ochraceæ.*

Male. Purplish red. Antennæ minutely setulose. Abdomen pale ochraceous, extending a little beyond the hind wings. Fore wings very acute; hind part pale ochraceous, with two rosy bands, which are united towards the end of the interior border; second band marginal, intersected by a transverse cinereous line; costa very slightly convex; exterior border straight, rather oblique. Hind wings pale ochraceous. Length of the body 4 lines; of the wings 12 lines.

a. Australia. From Mr. Damel's collection.

Country unknown.

13. Lophoderus? semiferanus.

Mas. *Flavescente-cinereus; thorax antice rufescens; alæ anticæ rufescente-ochraceæ, fasciis obliquis interruptis maculisque quatuor costalibus exterioribus argenteis, fimbria albida; posticæ pallide rufescentes.*

Male. Yellowish cinereous. Thorax reddish in front. Abdomen extending beyond the hind wings; apical tuft rather long. Legs stout. Fore wings reddish ochraceous, rectangular at the tips, with oblique irregular interrupted silvery bands, and with four exterior costal silvery spots of various size; fringe whitish, shining; costa very slightly convex along the basal half; exterior border slightly oblique hindward. Hind wings pale reddish. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. ——— ?

Genus SCIAPHILA.

North America.

29. Sciaphila primariana.

Mas. *Cinereo-nigricans; alæ anticæ cinereæ, acutæ, lineis nonnullis transversis fuscis apud costam dilatatis, fascia media fusca lata informi; posticæ cinereæ.*

Male. Cinereous-blackish, cinereous beneath. Palpi obliquely ascending, thickly fringed, rising a little higher than the vertex; third joint very short. Antennæ stout, very minutely setulose. Fore wings cinereous, acute, with several transverse irregular brown lines, which are dilated on the costa; a middle broad irregular brown band; costa and exterior border straight, the latter moderately oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Arctic America. Presented by Sir J. Richardson.

30. Sciaphila improbana.

Mas. *Nigricans, subtus cinerea; alæ anticæ elongatæ, sericeæ, apice subrotundatæ, nigricante strigatæ et conspersæ, plagis duabus obliquis nigricantibus; posticæ æneo tinctæ, fimbria pallide cinerea interlineata.*

Male. Blackish cinereous. Abdomen, hind wings and under side dark cinereous. Palpi shorter than the breadth of the head; second joint fringed; third elongate-conical, about one-fourth of the length of the second. Antennæ very minutely setulose. Wings elongate. Fore wings sericeous, slightly rounded at the tips, minutely and transversely streaked and speckled with blackish; two blackish oppositely oblique patches; one extending from the disk to one-third of the length of the interior border, concise on the outer side; the other in the exterior disk, extending towards the interior angle; costa straight; exterior border slightly convex, moderately oblique. Hind wings tinged with æneous; fringe pale cinereous, interlined. Length of the body 4 lines; of the wings 10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

31. Sciaphila? afflictana.

Mas. *Obscure cinerea; alæ anticæ acutæ, nigro transverse strigatæ, fascia media nigricante subobliqua, lituris discalibus interioribus nigris.*

Male. Dark cinereous. Palpi porrect; third joint conical, less than one-fourth of the length of the second. Abdomen extending somewhat beyond the hind wings. Fore wings acute, minutely and transversely streaked with black, with a blackish regular slightly oblique middle band; a few small black marks in the disk near the

base; costa and exterior border slightly convex, the latter rather oblique. Length of the body 4 lines; of the wings 9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

b. Nova Scotia. From Lieut. Redman's collection.

32. Sciaphila direptana.

Fœm. *Fuscescente-cinerea; alæ anticæ sat angustæ, apice rectangulatæ, fusco subconspersæ, fasciis tribus obliquis fuscis, 3a valde excavata marginem exteriorem attingente; posticæ nigricante-cinereæ.*

Female. Brownish cinereous. Palpi porrect, a little shorter than the breadth of the head; third joint conical, about one-sixth of the length of the second. Fore wings rather narrow, rectangular at the tips, slightly speckled with brown, and with three oblique brown bands; third band much excavated, extending to the exterior border; costa very slightly convex; exterior border straight, not oblique. Hind wings blackish cinereous. Length of the body 3 lines; of the wings 7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

33. Sciaphila implexana.

Fœm. *Nigro-cinerea; alæ anticæ nigro conspersæ, vix acutæ, fasciis duabus obliquis subdentatis nigricantibus, 1a exteriore, 2a submarginali; posticæ cinereæ.*

Female. Blackish cinereous. Palpi porrect, nearly as long as the breadth of the head; third joint extremely short. Fore wings hardly acute, minutely speckled with black, with two blackish oblique slightly dentate bands, one exterior, the other submarginal; costa and exterior border hardly convex, the latter moderately oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

34. Sciaphila vilisana.

Fœm. *Albida, subtus sordide cinerea; alæ anticæ acutæ, fasciis tribus fuscis obliquis subundulatis, 1a antice abbreviata, 3a*

indeterminata, strigis intermediis transversis fuscis; posticæ fuscæ, fimbria cinerea.

Female. Whitish, dingy cinereous beneath. Palpi porrect, rather shorter than the breadth of the head; second joint slightly fringed; third extremely short. Fore wings acute, shining, with three brown oblique slightly undulating bands, and with a few intermediate transverse brown streaks; first band abbreviated in front; third incomplete; costa almost straight; exterior border slightly convex and oblique. Hind wings brown; fringe cinereous. Length of the body 2 lines; of the wings 5 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

35. Sciaphila? destitutana.

Mas. *Obscure cinerea; fasciculus frontalis productus; palpi angulati, articulo 3o lanceolato deflexo; alæ anticæ fasciis tribus indeterminatis e atomis nigricantibus; posticæ fuscescente-cinereæ.*

Male. Dark cinereous, dingy cinereous beneath. Frontal tuft prominent. Palpi shorter than the breadth of the head; second joint pilose; third lanceolate, decumbent, less than half the length of the second, with which it forms an angle. Abdomen extending much beyond the hind wings. Fore wings acute, with blackish transverse speckles, some of which are confluent, and form three very irregular bands; costa and exterior border straight, the latter moderately oblique. Hind wings brownish cinereous. Length of the body 3 lines; of the wings $6\frac{1}{2}$ lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

36. Sciaphila punctcostana.

Mas et fœm. *Fusca, subtus cinerea; alæ anticæ apice rotundatæ, strigulis transversis nigris, lineis transversis guttularibus argenteis, fasciis tribus, macula postica maculaque apicali fuscis, punctis costalibus et marginalibus nigris; posticæ pallide cinereæ.*

Male and female. Brown, cinereous beneath. Palpi porrect, much shorter than the breadth of the head; second joint thickly fringed; third extremely short. Antennæ of the male minutely

pubescent. Fore wings rounded at the tips, transversely and minutely streaked with black, with some transverse lines of silvery dots, and with three brown bands; first band basal; second irregular, accompanied by a brown spot on the outer exterior border; a brown apical spot; marginal points black; costa nearly straight, with black points; exterior border slightly convex and oblique; fringe with blackish points. Hind wings pale cinereous. Length of the body $3\frac{1}{2}$—4 lines; of the wings 10 lines.

a, *b*. Nova Scotia. From Lieut. Redman's collection.

37. Sciaphila confixana.

Mas. *Cinereo-fusca; tibiæ posticæ albæ, fimbriatæ; alæ anticæ cinereæ, acutæ, strigulis plurimis transversis fasciisque tribus fuscis, fascia* 1*a basali*, 2*a* 3*aque postice abbreviatis, linea marginali fusca antice dilatata; posticæ fuscæ, fimbria cinerea fusco interlineata.*

Male. Cinereous-brown, cinereous beneath. Palpi porrect, extending very little beyond the head; third joint extremely small. Antennæ extremely minutely setulose. Abdomen extending much beyond the hind wings. Hind tibiæ white, thickly and broadly fringed. Fore wings cinereous, acute, with many little transverse brown streaks, and with three irregular brown bands; first band near the base; second and third abbreviated hindward; marginal line brown, broadest in front; costa very slightly convex; exterior border slightly convex and oblique. Hind wings brown; fringe cinereous, interlined with brown near the base. Length of the body 4 lines; of the wings 9 lines.

a. North America. From Mr. Carter's collection.

38. Sciaphila decisana.

Mas et fœm. *Fusca; palpi albi, supra fusci; abdomen cinereum; alæ anticæ apice subrotundatæ, ochraceo conspersæ, chalybæo notatæ, fasciis duabus albis fusco strigatis,* 1*a interiore*, 2*a marginali oblique interrupta; posticæ fuscæ aut fuscescente-cinereæ.*

Male and female. Brown, mostly cinereous beneath. Palpi porrect, broadly fringed, white beneath and on each side, much shorter than the breadth of the head; third joint extremely short. Abdomen cinereous. Fore wings slightly rounded at the tips, with

several small chalybeous marks, and with two white bands, which are transversely streaked with brown; first band before the middle; space beyond it speckled with dull ochraceous; second band marginal, obliquely interrupted by a broad streak of the ground hue; fringe more or less tinged with chalybeous; costa and exterior border slightly convex, the latter hardly oblique. Hind wings brown or brownish cinereous. *Male.*—Abdomen extending somewhat beyond the hind wings. Hind tibiæ slightly dilated. Length of the body 3 lines; of the wings 8 lines.

a—d. North America. From Mr. Carter's collection.

39. Sciaphila Meanderana.

Mas. *Ferrugineo-fusca; palpi cinerei, punctis tribus apiceque nigris; abdomen cinereo-fuscum; alæ anticæ acutæ, strigulis transversis nigris, fasciis quatuor indeterminatis cinereis fusco interlineatis, 1a basali postice abbreviata, 3a quadriramosa, 4a brevi apicali; posticæ fuscæ, fimbria cinerea fusco interlineata.*

Male. Ferruginous-brown, brownish cinereous beneath. Palpi cinereous, broad, slightly ascending, much shorter than the breadth of the head; second joint with three black points on the outer side; third joint black, very minute. Antennæ extremely minutely setulose. Abdomen cinereous-brown, extending beyond the hind wings. Fore wings acute, with transverse black streaklets, and with four very irregular cinereous bands, which are interlined with brown; first band nearly basal, abbreviated hindward; second contracted in the middle; third oblique, emitting two streaks from its inner side; the hind streak forked; fourth short, oblique, occupying the apical space; costa and exterior border hardly convex, the latter hardly oblique. Hind wings brown; fringe cinereous, interlined with brown near the base. Length of the body 4 lines; of the wings 9 lines.

a. North America. From Mr. Carter's collection.

40. Sciaphila? perductana.

Mas. *Rufescente-cinerea; pedes albi, tibiis posticis dense fimbriatis; alæ anticæ apice rotundatæ, nigro conspersæ, lituris costalibus nigris, fasciis tribus fuscis, 1a interrupta, 2a 3aque abbreviatis; posticæ fuscæ, fimbria albida fusco interlineata.*

Male. Reddish cinereous. Abdomen extending somewhat beyond the hind wings. Legs white; hind tibiæ thickly fringed. Fore wings somewhat rounded at the tips, minutely speckled with black, with black marks along the costa, and with three short irregular brown bands; the second and third extend from the costa to the disk, and the first, which is basal, is continued interruptedly across the wing; costa and exterior border slightly convex, the latter slightly oblique. Hind wings brown; fringe whitish, interlined with brown near the base. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. North America. From Mr. Carter's collection.

41. Sciaphila hebesana.

Mas. *Fuscescente-cinerea; caput nigro-fasciatum; alæ anticæ sat angustæ, apice rotundatæ, lineis fuscis transversis indistinctis indeterminatis, linea basali postica, plaga costali exteriore lineisque duabus exterioribus antice connexis fuscis nigro conspersis, lituris costalibus subapicalibus læte ferrugineis.*

Male. Brownish cinereous. Head with a black band in front. Palpi porrect, much shorter than the breadth of the head; second joint thickly fringed; third very short. Antennæ stout, very minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings rather narrow, rounded at the tips, with some indistinct and irregular transverse brown lines, with a brown black-speckled line along the basal part of the interior border, with a brown black-marked costal patch beyond the middle, and with two distinct exterior lines, which are connected in front, and are bordered with black speckles; some bright ferruginous costal marks between the patch and the tip; costa straight; exterior border hardly convex, slightly oblique. Length of the body 3 lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

42. Sciaphila luctiferana.

Fœm. *Nigricante-cinerea; palpi pilosi, capitis latitudine breviores, articulo 3o conico; alæ anticæ fasciis duabus argenteo-cinereis, 1a postice dilatata, 2a apud costam dilatata nigro notata strigam nigram posticam includente; posticæ cinereæ.*

Female. Blackish cinereous. Palpi porrect, pilose, shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Abdomen cinereous, extending a little beyond the hind wings. Fore wings hardly acute, with two irregular silvery cinereous bands, which are much straitened in the middle; first band dilated hindward; second containing a black streak hindward, dilated along the costa, where it contains some small black marks; fringe silvery cinereous; costa and exterior border straight, the latter hardly oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$—$3\frac{1}{2}$ lines; of the wings 6—9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

43. Sciaphila? ferriferana.

Mas et fœm. *Obscure argenteo-cinerea; caput et thorax saturate ferrugineo-rufa; alæ anticæ basi, plaga obliqua rhomboidali punctoque apicali saturate ferrugineo-rufis, plaga strigam emittente; posticæ æneo subtinctæ, fimbria albida.*

Male and female. Deep ferruginous-red. Palpi ascending, stout, short; second joint pilose; third very minute. Wings, abdomen and under side dark silvery cinereous. Fore wings indistinctly blackish tessellated, with the base, an apical point, and an oblique intermediate rhomboidal patch deep ferruginous-red, the patch emitting a broad streak to the middle of the exterior border; costa straight, except towards the base; exterior border slightly convex, hardly oblique. Hind wings with an æneous tinge; fringe whitish. Length of the body 3 lines; of the wings 8 lines.

a—d. North America. From Mr. Carter's collection.

44. Sciaphila perstructana.

Fœm. *Nigricans; alæ anticæ fasciis quinque chalybæis indeterminatis ex parte interlineatis; posticæ æneæ.*

Female. Blackish, dark cinereous beneath. Palpi porrect, broadly fringed, shorter than the breadth of the head; third joint very minute. Fringe of the wings cinereous, with a blackish line near the base. Fore wings rectangular at the tips, with five irregular partly interlined chalybeous bands; costa straight; exterior border

hardly oblique. Hind wings æneous. Length of the body 3 lines; of the wings 7 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

45. Sciaphila indivisana.

Mas. *Obscure æneo-cinerea; alæ anticæ nigricante conspersæ.*

Male. Dark æneous-cinereous. Palpi porrect, a little shorter than the breadth of the head; second joint fringed above; third conical, about one-fourth of the length of the second. Antennæ very minutely pubescent. Abdomen extending rather beyond the hind wings. Fore wings hardly acute, indistinctly blackish-speckled; costa nearly straight; exterior border very slightly oblique. Length of the body 4 lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

South America.

46. Sciaphila inclusana.

Mas. *Fusca; abdomen cinereum; alæ anticæ acutæ, fasciis tribus cinereis obliquis fuscescente interlineatis apud angulum interiorem connexis, 3a arcuata; posticæ cinereæ, fuscescente substrigatæ.*

Male. Brown. Palpi porrect, longer than the breadth of the head; third joint elongate-conical, about one-sixth of the length of the second. Antennæ minutely setulose. Pectus and abdomen cinereous, the latter extending a little beyond the hind wings. Fore wings acute, with three cinereous oblique brownish-interlined bands; first band extending outward from the costa; second and third extending inward from the costa; second connected with the first near the interior angle; third curved; costa almost straight; exterior border slightly convex and oblique. Hind wings cinereous, indistinctly brownish-streaked. Length of the body 4½ lines; of the wings 9 lines.

Brazil. In Mr. Saunders' collection.

47. Sciaphila Bogotana.

Fœm. *Albida; thorax fasciis tribus nigro-cinereis; abdomen cinereum; alæ anticæ apice rotundatæ, lineis nonnullis cinereis transversis latis guttularibus, dimidio basali obliquo nigricante-cinereo lituras atras plagamque basalem albidam includente, linea marginali cinerea nigro marginata; posticæ sordide albidæ, strigulis plurimis fuscescentibus.*

Female. Whitish, mostly cinereous beneath. Thorax with three blackish cinereous bands. Abdomen cinereous. Fore wings rounded at the tips, with several broad transverse irregular guttular cinereous lines, of which the exterior one is partly bordered with black; basal space to one-third of the length and hind space to two-thirds of the length and to half the breadth blackish cinereous, marked with deep black and including a basal whitish patch; marginal line cinereous, irregularly bordered with black; fringe cinereous; costa straight; exterior border hardly convex, very oblique. Hind wings dingy whitish, with numerous minute brownish streaks, which are most distinct on the under side. Length of the body 4 lines; of the wings 12 lines.

a. Bogota. From Mr. Stevens' collection.

Africa.

48. Sciaphila saburrana.

saburrana, *Zl.*

South Africa.

Asia.

49. Sciaphila flexilineana.

Fuscescente-cinerea; palpi porrecti, articulo 2o arcuato piloso; alæ anticæ cinereæ, apice rotundatæ, fusco nebulosæ, strigulis indistinctis fuscis, squamis paucis nigris, vitta subcostali fusca, linea nigra lineaque cana anterioribus, linea marginali fusca angulosa nigro varia, costa nigro punctata; posticæ fuscæ, fimbria obscure cinerea.

Brownish cinereous. Palpi porrect, extending a little beyond the head, shorter than its breadth; second joint curved, pilose; third conical, not one-fourth of the length of the second. Fore wings cinereous, rounded at the tips, partly clouded with brown,

with minute and indistinct transverse brown streaks, and with a few black scales; a brown subcostal stripe, limited in front by an irregular black line, the latter bordered in front by an irregular hoary line; marginal line brown, zigzag, here and there black; costa slightly convex, with black points; exterior border straight, slightly oblique. Hind wings brown; fringe dark cinereous. Length of the body $4\frac{3}{4}$ lines; of the wings 9 lines.

a—c. Ceylon. Presented by Dr. Templeton.

50. Sciaphila? stolidana.

Fœm. *Fuscescente-cinerea; alæ elongatæ, sat angustæ, subacutæ; anticæ fusco conspersæ, spatio medio obliquo fuscescente.*

Female. Brownish cinereous, paler beneath. Abdomen extending beyond the hind wings. Wings elongate, rather narrow, slightly acute. Fore wings speckled with brown and more thinly with black; middle part broadly and obliquely shaded with brown; costa and exterior border slightly convex, the latter very oblique. Length of the body 4 lines; of the wings 10 lines.

a. Shanghai. From the Entomological Society's collection.

51. Sciaphila mesomelana.

Mas. *Argenteo-albida; caput et thorax fusca; alæ anticæ sat angustæ, apice rotundatæ, cinereo snbnebulosæ, nigro subconspersæ, fasciis tribus fuscis nigro notatis, 1a basali, fimbria fusca; posticæ fuscescente-cinereæ.*

Male. Silvery whitish, mostly cinereous beneath. Head and thorax brown. Fore wings rather narrow, rounded at the tips, slightly clouded with cinereous and speckled with black, with three brown irregular black-marked bands; first band basal; second middle; third extending from four-fifths of the length of the costa to the interior angle; fringe brown; costa straight; exterior border hardly convex, slightly oblique; under side brownish. Hind wings brownish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Shanghai. From the Entomological Society's collection.

52. Sciaphila sinicana.

Mas. *Fusca; alæ anticæ acutæ, strigis costalibus obliquis argenteo-cinereis, striga postica lata angulata plagaque marginali argenteo-albis; posticæ fuscescente-cinereæ.*

Male. Brown, brownish cinereous beneath. Palpi porrect, shorter than the breadth of the head; second joint fringed; third extremely short. Antennæ stout, very minutely setulose. Fore wings acute, with oblique silvery cinereous streaks on the exterior part of the costa, with a broad angular silvery white streak extending from the disk to the interior border, and with a silvery white patch, which joins the hind part of the exterior border; costa hardly convex; exterior border slightly convex, rather oblique. Hind wings brownish cinereous. Length of the body 3 lines; of the wings 6 lines.

a. Shanghai. From the Entomological Society's collection.

53. Sciaphila? mollisana.

Fœm. *Purpurascente-cinerea; palpi capitis latitudine multo breviores, articulo 3o minimo; alæ anticæ vix acutæ, lineis nonnullis interruptis saturate fuscis, macula liturisque parvis costalibus atris.*

Female. Purplish cinereous. Palpi porrect, fringed, much shorter than the breadth of the head; third joint extremely minute. Abdomen extending a little beyond the hind wings. Fore wings hardly acute, with some transverse irregular and interrupted deep brown lines, and with a deep black costal spot beyond the middle; costa slightly convex, with small oblique deep black marks; exterior border slightly convex, hardly oblique. Hind wings cinereous. Length of the body 2 lines; of the wings 6 lines.

a. China. Presented by G. T. Laye, Esq.

54. Sciaphila? perfectana.

Mas. *Argenteo-alba; palpi atro vittati; thorax macula transversa atra; abdomen nigricans; alæ anticæ lituris transversis angulosis punctisque atris, subtus nigricantes; posticæ nigricante-cinereæ, fimbria alba.*

Male. White, slightly silvered. Frontal tuft slightly prominent. Palpi porrect, striped with deep black, extending very little beyond the head; second joint pilose; third conical, not more than one-sixth of the length of the second. Antennæ very minutely setulose. Thorax with a deep black transverse spot. Abdomen mostly blackish, extending rather beyond the hind wings. Fore wings with several zigzag deep black marks, and with a few deep black points; costa and exterior border almost straight, the latter hardly oblique; under side blackish, excepting the fringe and some costal points. Hind wings blackish cinereous; fringe white. Length of the body 6 lines; of the wings 12 lines.

a. Nilghiri Hills. Presented by M. J. Walhouse, Esq.

Borneo.

55. Sciaphila? ditiorana.

Cinereo-fusca; palpi arcuati, oblique ascendentes; alæ anticæ postice albidæ, fascia informi fusca, lineis transversis chalybæis, striga postica atra chalybæo tumido quadrifasciata.

Cinereous-brown. Palpi curved, obliquely ascending, rising a little higher than the vertex; third joint conical, minute. Antennæ smooth. Fore wings rectangular at the tips, mostly whitish hindward, this hue interrupted by an irregular brown band; some chalybeous lines extending from the costa to the disk; subapical line longer than the others, joining near the interior angle a deep black oblique streak, which is traversed by four embossed cupreous bands; costa almost straight; exterior border slightly convex, moderately oblique. Length of the body 2 lines; of the wings 5 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

56. Sciaphila conjunctana.

Mas. *Obscure cinerea; alæ anticæ argenteo-cinereæ, vix acutæ, spatio costali et marginali obscure cinereo strigulis transversis nigris, lituris costalibus fasciaque interrupta ferrugineis, striga lata atra; posticæ fuscescente-cinereæ, strigulis transversis indistinctis fuscis.*

Male. Dark cinereous, paler beneath. Palpi nearly erect, not rising higher than the vertex; third joint conical, not more

than one-fourth of the length of the second. Antennæ stout, minutely crenulated and pubescent. Fore wings hardly acute, silvery cinereous; the space towards the base and near the exterior border dark cinereous, with some transverse black streaklets; some ferruginous costal marks and a broad irregular interrupted ferruginous band, which is accompanied by a large deep black streak; costa and exterior border slightly convex, the latter moderately oblique. Hind wings browiish cinereous, with indistinct little transverse brown streaks; fringe pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Tasmania. From the Entomological Society's collection.

57. Sciaphila disputana.

Mas. *Cervino-cinerea; alæ anticæ acutæ, fasciis tribus obliquis fuscis, 2a informi, 3a trigona antice lata; posticæ cinereæ, strigulis plurimis transversis obscurioribus.*

Male. Cinereous, tinged with fawn-colour. Palpi porrect, much shorter than the breadth of the head; third joint extremely short. Antennæ minutely pubescent. Fore wings acute, with three brown oblique bands; first band concise on the outer side; second concise, irregular; third triangular, broad in front; costa and exterior border almost straight, the latter moderately oblique. Hind wings cinereous, with numerous minute transverse darker streaks. Length of the body 3 lines; of the wings 7 lines.

a. Sydney. From Mr. Diggles' collection.

58. Sciaphila rudisana.

Mas. *Cinerea, subtus albida; abdomen subtus fusco trivittatum; alæ anticæ angustæ, nigro conspersæ, apice subrotundatæ, fasciis duabus obliquis fuscis, litura subcostali intermedia diffusa pallide cervina, striga discali interrupta nigra; posticæ fuscescente-cinereæ, linea marginali pallide cinerea.*

Male. Cinereous. Body whitish beneath. Head and thorax minutely black-speckled. Palpi porrect, much shorter than the breadth of the head; second joint fringed; third elongate-conical, less than half the length of the second. Antennæ setulose. Abdomen extending somewhat beyond the hind wings; under side with three brown stripes; apical tuft rather large. Fore wings narrow, slightly rounded at the tips, speckled with black; two oblique

brown bands, between which there is a pale fawn-coloured diffuse subcostal mark; a black streak behind the latter, extending interruptedly to the exterior border; costa almost straight; exterior border slightly convex, very oblique. Hind wings brownish cinereous; marginal line pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Tasmania. Presented by E. Doubleday, Esq.

59. Sciaphila basiferana.

Fœm. *Alba; caput et thorax nigra; palpi caput vix superantes; antennæ basi albo fasciculatæ; alæ anticæ apice subrotundatæ, basi, fasciis duabus, gutta costali guttaque postica guttisque tribus marginalibus nigris; posticæ cinereæ.*

Female. White. Head and thorax black. Palpi black, porrect, hardly extending beyond the head. Antennæ black, with a white tuft on each at the base. Abdomen cinereous. Anterior legs blackish; joints of the tarsi with whitish tips. Wings with a long fringe. Fore wings slightly rounded at the tips, black at the base, with two black bands, of which the second is abbreviated near the interior border; a black dot on the costa between the bands, and another on the interior border; three black dots on the exterior border, which is rather oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

60. Sciaphila ejectana.

Mas. *Obscure cinerea; palpi latissime fimbriati, capitis latitudine non breviores, articulo 3o conico; alæ anticæ angustæ, vix acutæ, ferrugineo variæ, guttis duabus strigaque exteriore, costa liturisque costalibus parvis obliquis nigris.*

Male. Dark cinereous. Palpi porrect, very broadly fringed, as long as the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ stout. Fore wings narrow, hardly acute, partly ferruginous-tinged, with two black dots on the exterior disk, and with a more exterior black longitudinal streak, which extends to the tip; second dot near the interior angle; costa straight, with a few minute oblique black marks; exterior border very oblique. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

61. SCIAPHILA ABSCONDITANA.

Fœm. *Cana, subtus cinerea; alæ anticæ vix acutæ, strigulis plurimis transversis diffusis indistinctis pallide fuscescentibus, strigulis paucis nigris, vitta postica fuscescente, lituris duabus posticis interioribus obscure fuscis; posticæ fuscæ.*

Female. Hoary, cinereous beneath. Palpi porrect, full as long as the breadth of the head; second joint with a short thick fringe above; third conical, very minute, not more than one-sixth of the length of the second. Fore wings hardly acute, with numerous minute transverse diffuse indistinct pale brownish streaks and with a few transverse black streaks; a brownish stripe extending from the middle of the base to three-fourths of the length of the interior border, where the fringe is black; two small dark brown marks hindward near the base; costa very slightly convex; exterior border straight, slightly oblique. Hind wings brown; costa white, except towards the tip; exterior border slightly excavated in front. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

62. SCIAPHILA DEBILIANA.

Mas. *Cinerea; alæ strigulis plurimis transversis fuscis; anticæ apice subrotundatæ, fasciis tribus obliquis fuscis, 1a e macula postica, 2a ex parte vacua, 3a e plaga costali.*

Male. Cinereous. Palpi porrect, much shorter than the breadth of the head; second joint fringed; third extremely short. Antennæ setulose. Abdomen extending beyond the hind wings. Wings with numerous minute transverse brown streaks. Fore wings slightly rounded at the tips, with indications of three brown oblique bands; first band represented by a large spot near the base of the interior border; second with its disk partly void; third forming an exterior costal patch; costa very slightly convex; exterior border straight, slightly oblique. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

63. Sciaphila sidneyana.

Mas. *Cinerea; alæ anticæ subargenteæ, acutæ, strigulis plurimis transversis nigricantibus ex parte obsoletis, macula discali interiore nigricante, fascia fusca nigro marginata antice abbreviata, linea marginali nigricante interrupta.*

Male. Cinereous. Palpi porrect, much shorter than the breadth of the head; third joint extremely short. Antennæ setose. Fore wings acute, slightly silvery, with many but partly obsolete minute transverse blackish streaks, with a blackish spot in the disk near the base, and with a brown black-bordered band, which is abbreviated in front, where its fore border is excavated; marginal line blackish, interrupted; costa slightly convex; exterior border straight, moderately oblique. Length of the body $3\frac{1}{2}$? lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

64. Sciaphila inconcisana.

Mas. *Cinerea; palpi pilosi, capitis latitudine breviores, articulo 3o parvo; alæ anticæ apice rectangulatæ, fusco nigroque subconspersæ, fasciis duabus fuscis obliquis diffusis indeterminatis, linea discali nigra.*

Male. Cinereous. Palpi porrect, pilose, shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings rectangular at the tips, slightly speckled with brown and black; two irregular oblique diffuse brown bands; a black line extending from the middle of the interior disk to the exterior border; costa and exterior border hardly convex, the former with a row of small brown dots. Length of the body $5\frac{1}{2}$ lines; of the wings 14 lines.

a. Australia. From Mr. Diggles' collection.

65. Sciaphila projectana.

Mas. *Cinerea, fusco conspersa; palpi pallidi, longissime fimbriati; alæ anticæ plaga basali argenteo-albida fuscescente striata maculamque fuscam includente, fascia submarginali flexa argenteo-albida, plaga costali ferruginea, strigulis nonnullis nigris; posticæ flavescentes.*

Male. Cinereous, speckled with brown. Head with a short thick tuft. Palpi porrect, as long as the breadth of the head; covered to the tips with a pale thick and very long fringe. Antennæ minutely pubescent. Fore wings hardly acute; a silvery whitish patch near the base, transversely streaked with pale brown and including a brown spot; a ferruginous costal patch intersected by a curved silvery whitish band, which extends obliquely towards the exterior border, and is there bent to the interior angle; a few small transverse black streaks; costa slightly convex; exterior border almost straight, slightly oblique. Hind wings yellowish; fringe silvery cinereous. Length of the body 3 lines; of the wings 7 lines.

a. Sydney. From Mr. Diggles' collection.

66. Sciaphila comptana.

Mas. *Chalybæa; abdomen æneum; alæ anticæ ferrugineo-nigroque strigatæ, lituris duabus basalibus, fasciis duabus, punctis duobus costalibus exterioribus lineaque submarginali albis; posticæ cupreæ, basi æneæ.*

Male. Chalybeous. Palpi porrect, shorter than the breadth of the head, with a very short fringe; third joint conical, minute. Antennæ very minutely setulose. Abdomen æneous, extending very little beyond the fore wings. Tarsi with whitish bands. Fore wings rectangular at the tips, with transverse ferruginous and black streaks, and with two white bands; two small white marks near the base of the costa; two white costal points between the second band and a white submarginal line; costa straight; exterior border very slightly curved, hardly oblique. Hind wings cupreous, æneous towards the base. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

New Zealand.

67. Sciaphila flexivittana.

Mas. *Nigro-cinerea; caput et thorax anticus ferruginea; abdomen cinereum; alæ anticæ vix acutæ, lituris indistinctis vittaque postica lata flexa interrupta nigro submarginata ferrugineis, puncto discali albido; posticæ cinereæ, fusco subtessellatæ.*

Male. Blackish cinereous, paler beneath. Head, palpi and fore border of the thorax ferruginous. Palpi porrect, stout, shorter

than the breadth of the head; third joint conical, very minute. Antennæ very minutely setulose and pubescent. Abdomen cinereous, extending very little beyond the hind wings. Fore wings hardly acute, with indistinct ferruginous marks, which are most apparent along the costa; a broad ferruginous stripe which occupies most of the interior border and forms an angle towards the disk, where it is interrupted, and is partly and irregularly bordered with black; a whitish discal point; costa nearly straight; exterior border slightly convex, moderately oblique. Hind wings cinereous, indistinctly tessellated with brown. Length of the body 4½ lines; of the wings 11 lines.

a. Auckland, New Zealand. Presented by Col. Bolton.

68. Sciaphila transtrigana.

Mas. *Cinerea; alæ anticæ subacutæ, strigulis plurimis transversis fuscescentibus nonnullisque nigris, striga basali vix obliqua antice abbreviata plagaque costali obliqua angulata nigricantibus, plagis quatuor parvis pallide fuscescentibus; posticæ fuscescentes, fimbria cinerea.*

Male. Cinereous. Front prominent. Palpi decumbent, almost as long as the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Antennæ minutely setulose. Wings elongate. Fore wings slightly acute, with numerous minute transverse brownish streaks, which are very indistinct in the interior part of the disk, and are accompanied by some black streaks in the exterior part and along the borders; a blackish hardly oblique streak near the base, abbreviated towards the costa; an angular blackish patch extending obliquely outward from the costa to the disk, broadest near the costa; four small pale brownish patches, two behind and two beyond the angular one; costa very slightly convex; exterior border convex and oblique hindward, slightly impressed in front. Hind wings brownish; fringe cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

69. Sciaphila turbulentana.

Mas. *Pallide cervina, subtus cinerascens; alæ anticæ apice rectangulatæ, strigulis plurimis transversis fuscis, fascia basali obliqua abbreviata nigricante-fusca, plaga magna pallide cinerea, macula exteriore costali strigaque adhuc exteriore obliqua subundulata liturisque nonnullis costalibus nigricante-fuscis; posticæ cinereæ, strigulis plurimis obscurioribus.*

Male. Pale fawn-colour, somewhat cinereous beneath. Palpi slightly decumbent, full as long as the breadth of the head; second joint slightly fringed above; third conical, not more than one-sixth of the length of the second. Antennæ setulose. Fore wings rectangular at the tips, with minute transverse brown streaks, and with a blackish brown oblique band near the base; this band is abbreviated towards the costa, and borders a large pale cinereous patch, which is contiguous on the outer side to a large irregular blackish brown costal spot; an exterior oblique slightly undulating blackish brown streak, which proceeds inward from the costa to the disk; some small blackish brown marks along the exterior part of the costa; costa hardly convex; exterior border slightly convex and oblique. Hind wings cinereous, with numerous minute transverse darker streaks. Length of the body 4 lines; of the wings 10 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

70. Sciaphila fusiferana.

Fœm. *Cinerea; palpi capitis latitudine vix breviores, articulo 3o conico; thorax litura disculi fusca; alæ anticæ sat angustæ, vix acutæ, fusco subtessellatæ, lineis duabus transversis indeterminatis e punctis nigris.*

Female. Cinereous. Palpi porrect, nearly as long as the breadth of the head; second joint with a short fringe; third conical, not more than one-fourth of the length of the second. Thorax brownish cinereous, with a brown transverse discal mark. Fore wings rather narrow, hardly acute, indistinctly tessellated with brown; two transverse lines of black points on the veins; exterior line indicated by only two points; costa almost straight; exterior border very oblique. Length of the body 4 lines; of the wings 12 lines.

a. New Zealand. Presented by Col. Bolton.

71. Sciaphila detritana.

Fœm. *Cinereo-cervina; palpi capitis longitudine non breviores, articulo 3o minimo; alæ anticæ subacutæ, sat angustæ, fusco subtessellatæ, puncto discali nigro; posticæ cinereæ.*

Female. Cinereous fawn-colour. Palpi porrect, broadly fringed, as long as the breadth of the head; third joint very minute. Antennæ slender. Abdomen extending a little beyond the hind wings. Fore wings slightly acute, rather narrow, minutely and indistinctly tessellated with brown; a black point in the middle of the disk; costa and exterior border straight, the latter rather oblique. Hind wings cinereous. Length of the body 2½ lines; of the wings 7 lines.

a, *b*. New Zealand. Presented by Col. Bolton.

72. Sciaphila servilisana.

Mas. *Obscure cinerea; palpi capitis latitudine paullo breviores, articulo 3o minimo; alæ anticæ acutæ, sat angustæ, nigro conspersæ, strigis duabus latis diffusis nigricantibus, 1a transversa, 2a obliqua, lituris costalibus obliquis nigricantibus; posticæ pallidiores.*

Male. Dark cinereous. Palpi porrect, fringed, a little shorter than the breadth of the head; third joint very small. Antennæ stout. Abdomen extending beyond the hind wings. Fore wings acute, rather narrow, speckled with black; two broad diffuse blackish streaks; one transverse, in the disk beyond the middle; the other extending obliquely from the disk to the tip; costa almost straight, with oblique blackish marks; exterior border very oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

73. Sciaphila spoliatana.

Mas. *Cinerea; palpi capitis latitudine vix breviores, articulo 3o longi-conico; alæ anticæ elongatæ, sat angustæ, apice subrotundatæ, fusco aut nigricante conspersæ, punctis marginalibus fuscis.*

Male. Cinereous. Palpi porrect, not fringed, nearly as long as the breadth of the head; third joint elongate-conical, about one-third of the length of the second. Antennæ minutely pubescent.

Abdomen extending somewhat beyond the hind wings. Wings elongate, rather narrow; fringe long. Fore wings slightly rounded at the tips, minutely and diffusedly brown or blackish-speckled; marginal points brown; costa straight; exterior border slightly convex, very oblique. Length of the body 4 lines; of the wings 10 lines.

a, *b*. New Zealand. Presented by Col. Bolton.

74. Sciaphila infimana.

Mas. *Cinerea; palpi albidi, capitis latitudine paullo longiores, articulo 3o longi-conico; antennæ articulis 1a et 2a longis robustis; alæ anticæ angustæ, vix acutæ, strigulis transversis diffusis fuscis.*

Male. Cinereous. Palpi whitish, porrect, a little longer than the breadth of the head; second joint with a short fringe; third elongate-conical, not more than one-fourth of the length of the second. Antennæ smooth; first and second joints long, stout; second subclavate. Abdomen extending beyond the hind wings. Wings narrow, elongate. Fore wings hardly acute, transversely and diffusedly speckled with brown; costa and exterior border straight, the latter moderately oblique. Length of the body 3½ lines; of the wings 9 lines.

a, *b*. New Zealand. Presented by Col. Bolton.

75. Sciaphila saxana.

Fœm. *Cinerea; palpi subdecumbentes, supra fimbriati; alæ sat angustæ, linea marginali albida; anticæ strigulis ferrugineis non transversis, strigulis costalibus obliquis nigricantibus.*

Female. Cinereous. Palpi slightly decumbent, with a short thick fringe on the upper side, as long as the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Abdomen extending beyond the hind wings. Tibiæ and tarsi with whitish bands. Wings elongate, rather narrow, with a whitish marginal line. Fore wings acute, with many various minute longitudinal ferruginous streaks; costa almost straight, with minute oblique blackish streaks. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

Genus OLINDIA.

4. Olindia? vetustana.

Fœm. *Albida, subtus cinerea; alæ anticæ sat angustæ, vix acutæ, fasciis duabus fuscis dentatis indeterminatis, lituris tribus exterioribus fuscis; posticæ albido-cinereæ.*

Female. Whitish, cinereous beneath. Palpi porrect, nearly as long as the breadth of the head; second joint slightly fringed; third elongate-conical, about one-fourth of the length of the second. Wings rather narrow. Fore wings hardly acute, with two very irregular dentate brown bands; three small exterior brown marks indicating a third band; costa straight; exterior border slightly convex, very oblique. Hind wings whitish cinereous. Length of the body 4? lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

Genus CONCHYLIS.

North America.

99. Conchylis floccosana.

Mas. *Pallide flavescens; alæ anticæ sublanuginosæ, apice subrotundatæ, dimidio basali ochraceo.*

Male. Pale yellowish, sericeous. Palpi broad, porrect, as long as the breadth of the head; second joint thickly fringed; third extremely short. Antennæ setulose, pubescent. Abdomen extending a little beyond the hind wings. Fore wings somewhat lanuginose, slightly rounded at the tips; basal half irregularly ochraceous, this hue interrupted by a subcostal stripe; costa and exterior border slightly convex, the latter moderately oblique. Length of the body $2\frac{1}{2}$—3 lines; of the wings 7—8 lines.

a, *b*. North America. From Mr. Carter's collection.
c. Nova Scotia. From Lieut. Redman's collection.

100. Conchylis invexana.

Fœm. *Pallide cervina, subtus albida; caput albidum; alæ anticæ apice subrotundatæ, fascia interiore obliqua fusca costam versus abbreviata, lituris nonnullis anterioribus et exterioribus parvis pallide fuscis, fimbria pallide cinerea; posticæ nigricante-cinereæ, fimbria pallide cinerea.*

Female. Pale fawn-colour. Head, palpi, legs and under side of the body whitish. Palpi porrect, shorter than the breadth of the head; second joint fringed; third extremely short. Fore wings slightly rounded at the tips, with a brown band, which proceeds outward from one-third of the length of the interior border, and is abbreviated towards the costa; a few small pale brown marks near the exterior part of the costa and towards the exterior border; fringe pale cinereous; costa straight; exterior border hardly convex, rather oblique. Hind wings blackish cinereous; fringe pale cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Nova. Scotia. From Lieut. Redman's collection.

101. Conchylis gratana.

Mas. *Aurato-flava, subtus cinerea; alæ anticæ vix acutæ, lituris quatuor costalibus, lineis duabus obliquis postice connexis lineaque submarginali rufis; posticæ cinereæ.* Var. β.—*Alæ anticæ rufo tessellatæ.*

Male. Gilded yellow. Abdomen, hind wings and under side cinereous. Palpi porrect, reddish on the outer side; third joint conical, about one-fourth of the length of the second. Antennæ setulose, pubescent. Abdomen extending a little beyond the hind wings. Fore wings hardly acute, with four elongated red marks along the costa, with two oblique red lines, which are united near the interior border, and with a submarginal red line; costa nearly straight; exterior border slightly convex and oblique. *Var.* β.—Fore wings tessellated with red. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a—d. North America. From Mr. Carter's collection.

102. Conchylis cretiferana.

Fœm. *Subtestaceo-albida; palpi fuscescentes; alæ latiusculæ; anticæ apice rotundatæ, linea exteriore alba transversa undulata; posticæ testaceo strigatæ.*

Female. Whitish, very slightly tinged with testaceous. Palpi porrect, brownish, as long as the breadth of the head; third joint lanceolate, about half the length of the second. Wings rather broad. Fore wings somewhat rounded at the tips, with an exterior transverse white undulating line; costa hardly convex; exterior border convex, slightly oblique. Hind wings with minute testaceous

speckles, which are most distinct on the under side. Length of the body 4 lines; of the wings 12 lines.

a. Nova Scotia. From Lieut. Redman's collection.

103. Conchylis scissana.

Mas. *Subochracea; caput, pectus et abdomen albida; thorax antice cervinus; alæ anticæ striga interiore lata obliqua cervina, lituris parvis marginalibus fuscis; posticæ cinereæ.*

Male. Dull ochraceous. Head, palpi, pectus, abdomen and legs whitish. Palpi porrect, fringed, shorter than the breadth of the head; third joint very minute. Antennæ very minutely pubescent. Fore border of the thorax fawn-colour. Fore wings somewhat rounded at the tips, with a broad fawn-coloured streak, which extends obliquely outward from near the base of the interior border to the disk; a row of small oblique brown marks along the costa and along the exterior border; costa straight; exterior border very oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Nova Scotia. From Lieut. Redman's collection.

South America.

104. Conchylis ?? Holthusana.

Holthusana, *Cr.*

Surinam.

105. Conchylis ? Demarriana.

Demarriana, *Cr.*

Surinam.

106. Conchylis ? Meyeriana.

Meyeriana, *Cr.*

Surinam.

107. Conchylis ? Seppiana.

Seppiana, *Cr.*

Surinam.

108. Conchylis ? leucana.

leucana, *Anon.*

Surinam.

109. Conchylis? Burmaniana.

Burmaniana, *Cr.*

Surinam.

Africa.

110. Conchylis loriculana.

loriculana, *Gn.*

Oran.

Hindostan.

111. Conchylis flavicostana.

Mas. *Pallide flava; abdomen schistaceum, fasciculo apicali cervino; alæ anticæ purpurascente-fuscæ, apice rotundatæ, basi, costa margineque exteriore pallide flavis; posticæ fuscescente-cinereæ, fimbria pallide cinerea.*

Male. Pale yellow, stout. Palpi very short and slender, not extending beyond the head; third joint extremely minute. Antennæ very minutely setulose. Abdomen slaty cinereous, hardly extending beyond the hind wings; apical tuft large, dull fawn-colour. Fore wings somewhat rounded at the tips, purplish brown, irregularly pale yellow at the base, along the costa and along the exterior border; costa and exterior border slightly convex, the latter rather oblique. Hind wings brownish cinereous; fringe pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Hindostan. From Archdeacon Clerk's collection.

Borneo.

112. Conchylis? metaphæana.

Fœm. *Cinereo-cervina, robusta; palpi caput sat superantes, articulo 3o conico; alæ breviusculæ, cinereo fimbriatæ; anticæ apice subrotundatæ; posticæ fuscescente-rufæ.*

Female. Cinereous fawn-colour, stout, shining. Palpi stout, porrect, extending somewhat beyond the head; third joint conical, minute. Antennæ slender. Abdomen hardly extending beyond the hind wings. Wings rather short, with a cinereous fringe. Fore wings slightly rounded at the tips; costa and exterior border almost straight, the latter slightly oblique. Hind wings brownish red. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

113. Conchylis? flexilisana.

Mas. *Pallide ochracea; palpi læves, graciles, caput non superantes; alæ anticæ sat angustæ, apice rotundatæ, atomis nonnullis guttisque duabus discalibus nigris, fascia obliqua strigaque exteriore cervinis.*

Male. Pale ochraceous, silky. Palpi smooth, slender, porrect, not extending beyond the head. Antennæ smooth. Abdomen whitish, extending very little beyond the hind wings. Fore wings rather narrow, rounded at the tips, with a few minute black speckles, and with an oblique fawn-coloured band, which extends from a little beyond the middle of the costa to the interior angle, and is dilated hindward; a fawn-coloured discal streak connecting two blackish dots; inner dot near the costa; outer dot in the middle of the exterior disk; costa and exterior border slightly convex, the latter moderately oblique. Hind wings whitish. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

114. Conchylis? siccana.

Mas. *Pallide ochracea; palpi subfimbriati, capitis latitudine vix breviores, articulo 3o minimo; abdomen fuscescente-cinereum, apice pallidum; alæ anticæ latiusculæ, nigro conspersæ; lineis transversis angulosis diffusis punctisque marginalibus elongatis nigricantibus; posticæ fuscescente-cinereæ.*

Male. Pale ochraceous, cinereous beneath. Palpi nearly as long as the breadth of the head; second joint slightly fringed above; third very minute. Antennæ smooth, slender. Abdomen and hind wings brownish cinereous, the former pale at the tip. Fore wings rather broad, nearly rectangular at the tips, with three transverse zigzag diffuse indistinct blackish lines, and with diffuse minute brown speckles; marginal points blackish, elongated; costa and exterior border hardly convex, the latter moderately oblique. Length of the body 3 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

115. Conchylis incongruana.

Fœm. *Albida, subtus pallide cinerea; alæ anticæ ochraceo conspersæ, fasciis duabus obliquis dentatis ferrugineis, fimbria basi ochracea; posticæ albido-cinereæ.*

Female. Whitish, shining, pale cinereous beneath. Palpi porrect, nearly twice longer than the breadth of the head; third joint lanceolate, more than half the length of the second. Fore wings thickly and minutely speckled with ochraceous, with two ferruginous dentate oblique bands; fringe ochraceous at the base; costa and exterior border straight, the latter rather oblique. Hind wings whitish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Australia. From Mr. Damel's collection.
b. Sydney. From Mr. Lambert's collection.

116. Conchylis ligniferana.

Mas. *Cinerea; thoracis latera subcervina; alæ anticæ acutæ, vitta media discali nigro strigata fasciaque obliqua cervinis, strigis costalibus obliquis cervinis ex parte nigro notatis; posticæ fuscescente-cinereæ.*

Male. Cinereous. Palpi porrect, acute, thickly and broadly fringed, as long as the breadth of the head; third joint conical, very minute. Antennæ minutely setulose. Thorax with a tinge of fawn-colour on each side. Fore wings acute, with an irregular fawn-coloured middle stripe and an irregular oblique fawn-coloured band, the former slightly streaked with black; costa almost straight, with oblique fawn-coloured streaks, which are marked with black towards the base; fringe with two brown streaks; exterior border moderately oblique. Hind wings brownish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

117. Conchylis divulsana.

Fœm. *Pallide flavescens; caput et thorax subochracea; alæ anticæ acutæ, fasciis duabus obliquis indistinctis subochraceis nigro subconspersis, striga exteriore transversa diffusa fuscescente, costa fusco punctata; posticæ cinereæ.*

Female. Pale yellowish, shining. Head slightly ochraceous in front. Palpi porrect, much shorter than the breadth of the head; third joint extremely short. Thorax slightly ochraceous. Fore wings acute, with two indistinct incomplete oblique slightly ochraceous bands, which are accompanied by a few black speckles; first band middle; second exterior; a diffuse brownish streak along the apical part of the interior border; costa with some brown points, slightly convex towards the base; exterior border straight, moderately oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

118. Conchylis fuscicepsana.

Mas. *Pallide flavescens, subtus sordida; caput et thorax anticus fusca; alæ anticæ apice rectangulatæ, macula postica interiore, fascia media obliqua maculaque costali subapicali fuscis, strigis nonnullis posticis cervinis; posticæ pallide flavescente-cinereæ.*

Male. Pale yellow, shining, somewhat dingy beneath. Head and fore border of the thorax brown. Palpi pale yellow, much shorter than the breadth of the head; third joint extremely short. Antennæ very minutely crenulated. Abdomen extending somewhat beyond the hind wings. Fore wings rectangular at the tips, with some slight fawn-coloured streaks towards the exterior border, with a brown spot on the interior border near the base, with a brown oblique middle band, and with a brown spot on the costa near the tip; costa and exterior border almost straight, the latter very slightly oblique. Hind wings pale yellowish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a, *b*. Moreton Bay. From Mr. Diggles' collection.

119. Conchylis Tasmaniana.

Mas. *Obscure fusca; caput, thorax anticus, pectus et abdomen subtus luteo-flava; abdomen cinereo-fuscum; alæ anticæ apice subrotundatæ, fasciis tribus luteo-flavis, 1a 2aque postice connexis, 3a postice abbreviata, puncto costali subapicali fimbriaque luteo-flavis; posticæ cinereo-fuscæ.*

Male. Dark brown. Head, palpi, fore part of the thorax, pectus and abdomen beneath luteous-yellow. Palpi porrect, much shorter than the breadth of the head; third joint very short. Antennæ minutely crenulate, thickly setulose. Abdomen cinereous-brown, hardly extending beyond the hind wings. Fore wings slightly rounded at the tips, with three luteous-yellow bands; first band basal, largely connected with the second on the interior border; third abbreviated hindward; a costal subapical luteous-yellow point; fringe luteous-yellow, except at each end. Hind wings cinereous-brown. Length of the body 3 lines; of the wings 8 lines.

a. Tasmania. Presented by Dr. Milligan.

120. Conchylis notatana.

Mas. *Albido-cinerea; palpi brevissimi, frontem non attingentes; alæ anticæ apud apices subnigricantes, costa basi cinerea, punctis duobus discalibus punctisque marginalibus nigris, plaga magna postica viridescente-ochracea; posticæ pallide flavescentes.*

Male. Whitish cinereous, stout, smooth. Palpi very short, not extending so far as the front of the head. Antennæ smooth. Abdomen pale yellowish, extending rather beyond the hind wings. Hind tibiæ slightly fringed; spurs very long. Fore wings rounded at the tips, tinged with cinereous towards the base of the costa, tinged with blackish towards the tips; marginal points black; a large concise greenish ochraceous patch resting on the interior border; two black points in the disk; marginal points black; costa and exterior border slightly convex, the latter very oblique. Hind wings pale yellowish, shining. Length of the body 4 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.

121. Conchylis cepsana.

Mas. *Pallidissime cervina; caput et thorax anticus nigro-fusca; palpi pallidi, porrecti, breves; alæ anticæ strigis tribus fuscis, 1a basali obliqua, 2a longiore costali obliqua, 3a brevi costali; posticæ pallide cinereæ.*

Male. Very pale fawn-colour. Head and fore border of the thorax blackish brown. Palpi pale, porrect, short, stout, diverging, extending a little beyond the head; third joint extremely short. Antennæ smooth. Abdomen pale cinereous, hardly extending beyond the hind wings. Fore wings hardly acute, with three brown marks; first mark extending obliquely outward to the disk from near the base of the interior border; second longer, extending obliquely outward from near the costa; third short, costal, exterior. Hind wings pale cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sydney. From Mr. Diggles' collection.

122. Conchylis humerana.

Pallidissime lutea; alæ anticæ vitta costali brevi lineaque exteriore transversa subdentata fuscis; posticæ fuscescente-cinereæ, costa fimbriaque pallidissime luteis.

Very pale luteous. Fore wings with a brown costal stripe extending nearly one-third of the length from the base; a transverse brown slightly dentate line beyond the middle, not extending to the interior border; costa and exterior border convex, the latter moderately oblique. Hind wings brownish cinereous; costa and fringe very pale luteous. Length of the body 3 lines; of the wings 10 lines.

a. South Australia. Presented by R. Bakewell, Esq.

123. Conchylis? amœnana.

Fœm. *Alba; caput et abdomen pallide lutea; palpi extus fusci; thorax fusco bistrigatus; alæ anticæ fasciis sex transversis cupreo-fuscis, 4a interrupta, 5a antice furcata, 6a marginali postice abbreviata; posticæ pallide luteæ.*

Female. White, rather stout. Head, abdomen and hind wings pale luteous. Palpi porrect, brown on the outside; second joint

fringed above; third conical, not more than one-sixth of the length of the second. Thorax with a brown streak on each side in front. Fore wings shining, hardly acute, with six transverse cupreous-brown bands; fourth band interrupted in front, where it is connected with the fifth, the latter forked in front; sixth marginal, abbreviated hindward. Length of the body 4 lines; of the wings 10 lines.

a, *b*. Sydney. From Mr. Lambert's collection.
c. Australia. From Mr. Damel's collection.

124. Conchylis vacuana.

Mas. *Pallide testaceo-cinerea; palpi late fimbriati, capitis latitudine multo breviores, articulo 3o minimo; antennæ subserratæ; alæ anticæ fascia obliqua cinerea nigricante submarginata lineolam nigricantem extus emittente, linea exteriore obliqua cinerea apud costam furcata, striga costali lineaque submarginali nigris; posticæ albidæ, cinereo conspersæ.*

Male. Pale testaceous-cinereous. Palpi porrect, broadly fringed, much shorter than the breadth of the head; third joint extremely small. Antennæ stout, very minutely serrated. Abdomen extending a little beyond the hind wings. Wings elongate. Fore wings acute, with a few blackish points near the base, and with an irregular oblique cinereous band, which is incompletely blackish bordered, and emits on its outer side a short blackish streaklet towards the costa; an exterior oblique cinereous line, which is forked near the costa, where it includes a cinereous spot; a short and more exterior blackish oblique costal streak, and a black line, which is parallel and almost close to the exterior border, but recedes from it towards the costa; costa and exterior border straight, the latter moderately oblique. Hind wings whitish, indistinctly speckled with cinereous. Length of the body 2 lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

125. Conchylis decisana.

Mas. *Alba, subtus lutea; caput antice nigrum; palpi caput non superantes, articulo 3o minimo; thorax niger; alæ anticæ basi fasciaque nigris, fascia exteriore cervina apud costam nigricante, plaga adhuc exteriore fusca; posticæ luteæ, fimbria antica nigricante.*

Male. White, pale luteous beneath. Head in front and palpi black. Palpi porrect, not extending beyond the front; third joint extremely small. Thorax black. Fore wings hardly acute, black at the base; a black middle band, broader hindward, brown towards the interior border: a fawn-coloured exterior band, blackish towards the costa; a brown patch between the second band and the exterior border; costa and exterior border almost straight, the latter slightly oblique; under side shaded with blackish. Hind wings pale luteous; fringe blackish in front. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

126. Conchylis mundulana.

Fœm. *Pallide flava; capitis vertex et thoracis margo anticus saturate ferrugineo-fusca; alæ anticæ sat angustæ, apice rotundatæ, litura basali, fascia obliqua strigaque costali obliqua exteriore saturate ferrugineo-fuscis.*

Female. Pale yellow. Vertex of the head and fore border of the thorax dark ferruginous-brown. Palpi porrect, obtuse, rather broad, very much shorter than the breadth of the head; third joint extremely short. Antennæ smooth, dark ferruginous-brown. Abdomen extending a little beyond the hind wings. Wings rather narrow. Fore wings rounded at the tips, with three dark ferruginous-brown marks; first mark short, on the interior border near the base; second oblique, extending from the costa nearly to the interior border; third oblique, short, on the costa near the tip. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

127. Conchylis? subfurcatana.

Mas. *Subochracea; palpi sat graciles, caput paullo superantes, articulo 3o conico; alæ anticæ nigricante squamosæ, fasciis tribus argenteis fusco marginatis, 3a postice angusta apud costam subfurcata; posticæ fuscescentes.*

Male. Dull ochraceous, yellowish beneath. Palpi porrect, rather slender, extending a little beyond the head; third joint conical, less than one-fourth of the length of the second. Antennæ stout. Abdomen whitish, extending a little beyond the hind wings. Wings with a whitish fringe. Fore wings with many blackish scales, rectangular at the tips, with three silvery white slightly

brown-bordered bands; second band narrower than the first; third narrow hindward, slightly forked on the costa; costa slightly convex towards the base; exterior border almost straight, hardly oblique. Hind wings brownish. Length of the body $3\frac{1}{2}$—4 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.
b. Sydney. From Mr. Diggles' collection.

128. Conchylis? sparsana.

Mas. *Alba; caput subtus, pectus et alæ anticæ subtus nigricantia; thorax nigro late fasciatus; abdomen pallide luteum; alæ anticæ fasciis duabus nigris*, 1a *antice furcata*, 2a *antice excavata postice guttulari, gutta postica punctisque marginalibus nigris; posticæ pallide luteæ.*

Male. White. Head beneath, pectus and fore wings beneath blackish. Palpi smooth, slender, porrect, hardly extending beyond the head. Antennæ very minutely setulose. Thorax with a broad black band. Abdomen pale luteous, not extending beyond the hind wings. Wings slightly elongate. Fore wings rounded at the tips, with a few minute black speckles, and with two black bands; a black dot hindward near the inner side of the first band, which is forked in front; second band broad, irregular, and excavated in front, guttular hindward; marginal points black, very minute; costa and exterior border very slightly convex, the latter very oblique. Hind wings pale luteous, blackish at the tips. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

129. Conchylis bimaculana.

bimaculana, *Dn.*
New South Wales.

130. Conchylis unipunctana.

unipunctana, *Dn.*
New South Wales.

New Zealand.

131. Conchylis plagiatana.

Mas. *Pallide flavescente-cinerea; alæ anticæ strigis transversis ochraceis, striga postica lata obliqua, fascia obliqua postice abbreviata fasciaque submarginali informi subinterrupta ochraceis; posticæ apud marginem interiorem cinereo strigatæ.*

Male. Pale yellowish cinereous. Palpi porrect, much shorter than the breadth of the head; second joint fringed; third conical, extremely minute. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings with transverse ochraceous streaks, which are almost obsolete, except along the basal and apical parts of the costa, and along the interior border; a broad ochraceous oblique streak near the base of the interior border, an oblique ochraceous band, which is abbreviated hindward, and a broad irregular nearly interrupted submarginal ochraceous band; costa straight; exterior border slightly excavated in front. Hind wings with some cinereous streaks, which are least indistinct along the interior border. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

132. Conchylis leucaniana.

Mas et fœm. *Albido-straminea; palpi pilosi, capitis latitudine paullo breviores; alæ anticæ venis obscurioribus, vittis duabus discalibus abbreviatis fuscis, puncto exteriore obscuriore; posticæ albido-cinereæ.*

Male and female. Whitish straw-colour, shining. Palpi porrect, a little shorter than the breadth of the head; second joint pilose; third conical, not more than one-fourth of the length of the second. Antennæ of the male minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings acute, with slightly darker lines along the veins; two brown abbreviated discal stripes; a darker brown point at the end of the fore stripe; costa hardly convex; exterior border very oblique. Hind wings whitish cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a—d. New Zealand. Presented by Col. Bolton.
e. New Zealand. Presented by Dr. Sinclair.

133. Conchylis recusana.

Mas. *Albida; palpi subfimbriati, capitis latitudine paullo breviores, articulo 3o minimo; alæ anticæ subfalcatæ, linea obliqua postice dilatata, plaga postica, guttis costalibus guttisque submarginalibus cervinis nigro squamosis, fimbria interlineata; posticæ strigulis paucis cinereis.*

Male. Whitish. Palpi porrect, a little shorter than the breadth of the head; second joint with a very short fringe; third very minute, not more than one-sixth of the length of the second. Antennæ very minutely setulose. Abdomen extending a little beyond the hind wings. Fore wings subfalcate, with fawn-coloured marks, which are accompanied by some black scales; a row along the costa and a submarginal row of small dots; a line extending obliquely outward to the interior border from one-third of the length of the costa, dilated hindward, where it is connected with the end of a brown patch on the interior border; fringe interlined; costa almost straight; exterior border slightly curved inward in front. Hind wings with a few transverse cinereous streaklets. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

134. Conchylis marginana.

Fœm. *Pallide flava; palpi cervini, subfimbriati, capitis latitudine longiores, articulo 3o minimo; alæ anticæ lituris basalibus, fascia obliqua postice dilatata et excavata, plaga costali exteriore lineaque submarginali ochraceis, linea marginali nigricante.*

Female. Pale yellow, mostly white beneath. Frontal tuft prominent. Palpi porrect, fawn-colour, with a short fringe, rather longer than the breadth of the head; third joint very minute, not more than one-sixth of the length of the second. Abdomen and hind wings whitish. Fore wings acute, with some ochraceous marks towards the base, and with a very oblique ochraceous band, which is dilated and excavated hindward; an exterior ochraceous costal patch and an irregular submarginal ochraceous line; marginal line blackish, broad, concise; costa slightly convex towards the base;

exterior border straight, slightly oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. New Zealand. Presented by Col. Bolton.

135. Conchylis quinquenotata.

Fœm. *Pallide lutea, subtus rufescente-ochracea; thorax antice fusco fasciatus; pectus argenteum; abdomen rufescente-ochraceum, subtus aureo-argenteum; alæ anticæ fascia obliqua cinereo-fusca, linea submarginali ferruginea.*

Female. Pale luteous, smooth, reddish ochraceous beneath. Palpi smooth, slender, porrect, much shorter than the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Thorax with a brown band in front. Pectus silvery. Abdomen reddish ochraceous, gilded silvery beneath. Fore wings rectangular at the tips, with an oblique dark cinereous-brown band, which proceeds from the costa to the disk and there terminates; a ferruginous submarginal line, much abbreviated hindward, dilated to the exterior border in front; costa and exterior border almost straight, the latter not oblique. Hind wings reddish; fringe ochraceous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

Genus RETINIA.

12. Retinia Georgiana.

Mas. *Subcervino-argentea; caput et thorax rufescente-cervina; abdomen cinereum, apice cervinum; alæ anticæ vix acutæ, lineis octo transversis deviis variis ochraceis; posticæ æneo-cervinæ, fimbria albida.*

Male. Silvery, sericeous, tinged with fawn-colour, more cinereous beneath. Head and thorax reddish fawn-colour. Palpi porrect, stout, hardly extending beyond the head; third joint extremely short. Antennæ stout, very minutely setulose. Abdomen cinereous, extending a little beyond the hind wings; tip fawn-colour. Fore wings hardly acute, with eight various irregular transverse ochraceous lines; first and second lines slender; third broader in the middle; fourth still broader; fifth and sixth slender, dilated towards the costa; seventh obliquely connecting the sixth with the eighth, which is marginal and incomplete. Hind wings æneous fawn-

colour; fringe whitish. Length of the body 4 lines; of the wings 10 lines.

a. Georgia. From Mr. Milne's collection.

Var. Male and female. Fore wings with the fourth line broader, its disk paler in front and of the ground hue hindward; fifth and sixth lines interrupted, the sixth broader.

b, *c*. ——— ?

13. Retinia argyrospila.

Fœm. *Rufescens; caput ochraceum; abdomen cinereum; alæ anticæ apice rectangulatæ, strigis nonnullis nigris transversis subundulatis, spatio postico fasciisque indeterminatis argenteo-cinereis, lituris tribus costalibus argenteo-albis; posticæ fuscescente-cinereæ.*

Female. Reddish, cinereous beneath. Head ochraceous. Palpi porrect, broad, extending very little beyond the head; third joint extremely short. Abdomen cinereous, extending a little beyond the hind wings. Fore wings rectangular at the tips, with several transverse slightly undulating black streaks; space along the interior border and some incomplete irregular bands silvery cinereous; costa straight, with three large silvery white marks; exterior border slightly oblique hindward. Hind wings brownish cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Georgia. From Mr. Milne's collection.

14. Retinia septentrionana.

septentrionana, *Curt.*

a, *b*? Arctic America. Presented by Sir J. Richardson.

Genus PENTHINA.

North America.

73. Penthina similisana.

Mas. *Fusca, subtus pallide cinerea; alæ anticæ albidæ, acutæ, fasciis duabus latis nigricante-fuscis, lituris nonnullis intermediis fuscis, lituris parvis costalibus nigricantibus; posticæ sordide cinereæ.*

Male. Brown, pale cinereous beneath. Palpi porrect, much shorter than the breadth of the head; second joint much fringed; third conical, not more than one-sixth of the length of the second. Antennæ very minutely setulose and pubescent. Abdomen extending a little beyond the hind wings. Fore wings whitish, acute, with two broad blackish brown bands, and with a few slight transverse intermediate brown marks; first band basal; a few small blackish costal marks between the bands; costa and exterior border hardly convex, the latter slightly oblique. Hind wings dingy cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

74. Penthina contrariana.

Fœm. *Cinereo-nigra; palpi albidi; thorax albidus, nigro bifasciatus; alæ anticæ atro transverse strigatæ, spatio postico spatioque exteriore albidis, lituris posticis, guttis costalibus punctisque discalibus nigris; posticæ albæ.*

Closely allied to *P. corticana*. *Female.*—Cinereous-black, whitish beneath. Palpi whitish, extending a little beyond the head; second joint broadly fringed; third very small. Antennæ stout. Thorax whitish, with two narrow black bands. Abdomen and legs whitish. Fore wings slightly rounded at the tips, transversely streaked with deep black; space along the interior border towards the base mostly whitish, with black marks; apical third part white, with three blackish costal dots and a few black discal points; exterior border hardly convex, moderately oblique. Hind wings white. Length of the body 4 lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

P. pruniana also inhabits Nova Scotia.

75. Penthina dealbana.

Mas. *Albida, robusta; abdomen crassum, apice quadratum; alæ anticæ apice rotundatæ, fusco subnotatæ et subconspersæ, lineis transversis fuscis indistinctis undulatis, gutta discali nigra elongata, punctis marginalibus nigricantibus.*

Male. Whitish, stout, dingy beneath. Palpi slender, obliquely ascending, not rising near so high as the vertex; third joint elongate-

conical, less than half the length of the second. Antennæ slender, smooth. Abdomen very stout, quadrate at the tip, not extending beyond the hind wings. Legs smooth; spurs rather short. Fore wings rounded at the tips, slightly marked and minutely speckled with brown, this hue forming two or three transverse indistinct incomplete undulating lines; discal dot black, transverse, elongated; marginal points blackish; costa and exterior border very slightly convex, the latter rather oblique. Length of the body 3 lines; of the wings 10 lines.

a—d. North America. From Mr. Carter's collection.

76. Penthina transmissana.

Mas . *Albida; palpi nigro bifasciati; thorax fascia nigro-fusca; alæ anticæ fuscæ, lituris albidis, fascia interiore strigisque duabus exterioribus connexis albidis fusco conspersis, striga 2a ramulum apud angulum interiorem emittente, linea marginali albida; posticæ cinereæ.*

Near *P. dealbana*. *Male.*—Whitish. Palpi porrect, with two black bands, shorter than the breadth of the head; second joint broadly fringed; third conical, very minute. Thorax with a blackish brown band. Abdomen extending beyond the hind wings. Tibiæ and tarsi with brown bands. Fore wings brown, hardly acute, with various whitish marks; a whitish brown-speckled band before the middle, and two exterior broad whitish brown-speckled streaks, which are connected towards the costa; first streak extending along the costa and containing some brown oblique costal marks; second extending to the interior angle and emitting a branch to the interior border; marginal line whitish; exterior border hardly oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 9 lines.

a. Nova Scotia. From Lieut. Redman's collection.

77. Penthina ochreoalbana.

Fœm. *Cinereo-nigra; caput albidum; alæ anticæ strigis transversis latis atris, lituris costalibus basi albidis dimidio apicali albido nebulas ochraceas lituras costales nigras liturasque marginales subochraceas includente; posticæ cinereæ.*

Allied to *P. ochreoleucana*. *Female.*—Cinereous-black. Head whitish. Palpi whitish, slightly decumbent, not extending beyond

the head; third joint conical, very minute. Antennæ slender. Fore wings rounded at the tips, with broad deep black transverse streaks; a few whitish marks on the costa near the base, and two dull ochraceous marks on the interior border; nearly half the apical part whitish, shining, clouded with ochraceous, containing three or four black costal marks. Hind wings cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Nova Scotia. From Lieut. Redman's collection.

78. Penthina resumptana.

Mas. *Schistaceo-cinerea; caput, pectus et abdomen albido-cinerea; alæ anticæ fusco subconspersæ, macula discali interiore fasciaque obliqua fuscis, spatio exteriore fusco strigulas nigras includente, punctis costalibus obscure fuscis; posticæ fuscescentes.*

Male. Slaty cinereous. Head, pectus, abdomen and legs whitish cinereous. Antennæ rather stout, very minutely setulose. Abdomen extending beyond the hind wings. Fore wings rounded at the tips, thinly and transversely brown-speckled, with a brown spot in the disk near the base, and with an exterior oblique brown band; space beyond the band mostly brown, including two or three minute black longitudinal streaks; costa straight, with dark brown points; exterior border moderately oblique. Hind wings brownish, pale cinereous along the costa. Length of the body 3 lines; of the wings 8 lines.

a. Nova Scotia. From Lieut. Redman's collection.

79. Penthina subnivana.

Mas. *Alba; palpi fimbriati, obtusi; alæ anticæ apice subrotundatæ, strigulis transversis fuscis nigrisque, plaga exteriore elongata ferruginea nigro notata, costa basi subconvexa extus incurva; posticæ pallide cinereæ, strigulis transversis obscurioribus.*

Male. White, dingy cinereous beneath. Palpi porrect, obtuse, shorter than the breadth of the head; second joint with a short thick fringe above; third extremely short. Antennæ stout. Fore wings slightly rounded at the tips, with some transverse brown and black streaklets, which are most conspicuous towards the exterior border; costa slightly convex towards the base, concave exteriorly, where

there is an elongated ferruginous black-marked patch; fringe sometimes brownish; exterior border oblique hindward. Hind wings pale cinereous, with transverse darker speckles. Length of the body 3—3½ lines; of the wings 9—10 lines.

a, *b*. Nova Scotia. From Lieut. Redman's collection.

Africa.

80. Penthina scabellana.

scabellana, *Zl.*

South Africa.

Australia.

81. Penthina trifasciana.

Fœm. *Albido-cinerea; thorax fusco conspersus; alæ anticæ apice rotundatæ, guttis nonnullis nigris, fasciis quatuor indeterminatis fuscis, 1a basali, 4a valde divisa marginem exteriorem attingente; posticæ fuscescente-cinereæ.*

Female. Whitish cinereous. Thorax speckled with brown. Fore wings rounded at the tips, with several black dots, and with four irregular brown bands; first band basal; second more regular than the others; fourth very irregular, much divided, extending to the exterior border; costa and exterior border slightly convex, the latter rather oblique. Hind wings brownish cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

82. Penthina? indecretana.

Fœm. *Sordide cana, subtus testaceo subtincta; alæ anticæ acutæ, latiusculæ, nigricante conspersæ et punctatæ, fasciis duabus nigricantibus late interruptis; posticæ fuscescente-cinereæ.*

Female. Dingy hoary, with a slight testaceous tinge beneath. Wings elongate, rather broad. Fore wings acute, very minutely blackish speckled, with several blackish points, which are mostly on the veins; two incomplete oblique bands; first widely interrupted, much abbreviated hindward; second narrower and less regular than the first, obsolete hindward; costa slightly convex; exterior border convex, moderately oblique. Hind wings brownish cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus PÆDISCA.

North America.

75. Pædisca inquietana.

Fœm. *Fusca; abdomen cinereum; alæ anticæ cinereæ, apice rotundatæ, atomis fasciisque quatuor indeterminatis diffusis fuscis; posticæ fuscescente-cinereæ.*

Female. Brown, cinereous beneath. Palpi cinereous, porrect, slightly fringed, nearly as long as the breadth of the head; third joint elongate-conical, about one-fourth of the length of the second. Abdomen cinereous. Fore wings cinereous, somewhat rounded at the tips, with brown speckles, and with four irregular, excavated, and diffuse brown bands; costa straight; exterior border slightly convex, very oblique. Hind wings brownish cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Arctic America. Presented by Sir J. Richardson.

76. Pædisca diffinana.

Fœm. *Nigricante-cinerea; abdomen cinereum; alæ anticæ obscure argenteo-cinereæ, acutæ, strigulis transversis plurimis fuscis, fasciis duabus fuscis indeterminatis ex parte nigro marginatis; posticæ æneo-fuscæ, fimbria cinerea fusco interlineata.*

Female. Blackish cinereous, dingy cinereous beneath. Palpi porrect, much shorter than the breadth of the head; second joint fringed above; third conical, less than one-fourth of the length of the second. Abdomen cinereous. Fore wings acute, dark silvery cinereous, with numerous little transverse brown streaks, and with two brown very irregular partly blackish-bordered bands; costa hardly convex; exterior border slightly convex, moderately oblique. Hind wings æneous-brown; fringe cinereous, interlined with brown near the base. Length of the body 4 lines; of the wings 10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

77. Pædisca cataclystiana.

Fœm. *Pallidissime cervina; abdomen albidum; alæ anticæ acutæ, vix falcatæ, lineis longitudinalibus subargenteis, strigis*

costalibus obliquis argenteis, spatio marginali cinereo atomis nigris lituram angulatam argenteam punctaque tria nigra includente; posticæ strigis nonnullis costalibus subapicalibus cinereis.

Female. Very pale fawn-colour. Abdomen, under side and hind wings whitish. Palpi pilose, very short; third joint extremely minute. Fore wings acute, hardly falcate, with several slightly silvery longitudinal lines, and with some brighter silvery oblique costal streaks; marginal space cinereous, very minutely speckled with black, including an angular silvery mark, which is accompanied by three black points; costa very slightly convex; exterior border rather oblique. Hind wings with a few transverse cinereous streaks on the apical part of the costa. Length of the body 4 lines; of the wings 9 lines.

a, b. North America. From Mr. Carter's collection.

78. Pædisca albicepsana.

Cervina; caput, thorax anticus, pectus et abdomen subtus alba; alæ anticæ angustæ, acutæ, vittis tribus albis, 1a costali abbreviata, 2a discali extus furcata et interrupta, 3a postica tenui, strigis costalibus exterioribus obliquis argenteo-albis, strigulis duabus submarginalibus atris; posticæ cinereo-fuscæ, fimbria albida.

Fawn-colour. Head, palpi, fore part of the the thorax and under side of the body white. Palpi porrect, pilose, shorter than the breadth of the head; third joint extremely short. Wings elongate, rather narrow. Fore wings acute, with three white stripes; first stripe costal, extending from the base to half the length, where it is succeeded by oblique silvery white streaks; second stripe discal, forked and interrupted towards the exterior border, where it is accompanied by two deep black streaklets; third line slender, near the interior border; costa straight; exterior border slightly convex, rather oblique. Hind wings cinereous-brown; fringe whitish, shining. Length of the body 3 lines; of the wings 8 lines.

a, b. North America. From Mr. Carter's collection.

79. Pædisca procellariana.

Cinereo-nigra; palpi pilosi, capitis latitudine vix breviores, articulo 3o conico; tarsorum articuli apice albidi; alæ anticæ fimbria obscure cinerea.

Nearly allied to *P. ophthalmicana*. Black. Head and thorax with some cinereous hairs. Palpi porrect, pilose, nearly as long as the breadth of the head; third joint conical, minute. Joints of the tarsi with whitish tips. Fore wings with numerous cinereous hairs; fringe dark cinereous; costa and exterior border straight; the latter hardly oblique. Length of the body 4? lines; of the wings 12 lines.

a. Arctic America. Presented by Sir J. Richardson.

Australia.

80. Pædisca immersana.

Mas. *Straminea; alæ anticæ acutæ, fasciis tribus obscurioribus subobsoletis, atomis nonnullis nigris, costa margineque exteriore subochraceis; posticæ sordide cinereæ.*

Male. Straw-colour. Palpi porrect, much shorter than the breadth of the head; second joint fringed; third extremely small. Antennæ minutely setulose and pubescent. Abdomen extending somewhat beyond the hind wings. Fore wings acute, with three almost obsolete darker bands, which are indicated by some black speckles; an ochraceous tinge along the costa, except towards the base and along the exterior border; costa and exterior border very slightly convex, the latter slightly oblique. Hind wings dingy cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Diggles' collection.

81. Pædisca lignigerana.

Mas. *Fuscescente-cinerea, nigro conspersa; alæ anticæ maculis strigis lineaque longitudinalibus plagaque discali lineam undulatam emittente nigris.*

Male. Brownish cinereous, speckled with black. Palpi porrect, much shorter than the breadth of the head; second joint thickly fringed; third conical, about one-sixth of the length of the second. Antennæ minutely pubescent. Fore wings with some black longitudinal streaks and blotches; a blackish patch in the hinder middle disk, emitting an undulating line towards the base, and connected in front with the base of an interrupted black line, which proceeds to the exterior border; costa hardly convex; exterior border

convex, hardly oblique. Length of the body 5 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles collection.

82. Pædisca confusana.

Mas et fœm. *Cinerea; palpi pilosi, capitis latitudine non breviores, articulo 3o brevissimo; alæ anticæ apice subrotundatæ, nigro subconspersæ, ferrugineo nebulosæ, puncto discali nigro, plaga postica strigisque tribus costalibus obliquis fuscis.*

Male and female. Cinereous. Palpi stout, porrect, pilose, as long as the breadth of the head; third joint very short. Antennæ of the male rather stout. Abdomen, hind wings and under side whitish. Fore wings slightly rounded at the tips, thinly speckled with black, slightly and partly clouded with ferruginous; three broad brown costal streaks extending obliquely outward to the disk, a brown patch near the base of the interior border and a black discal point; costa and exterior border almost straight, the latter rather oblique. Length of the body 2 lines; of the wings 6 lines.

a, *b*. Sydney. From Mr. Diggles' collection.

New Zealand.

83. Pædisca luciplagana.

Fœm. *Cervina; abdomen cinereum; alæ anticæ acutæ, vitta antica brevi arcuata ferruginea maculam costalem elongatam argenteo-albam includente; posticæ cinereæ.*

Female. Fawn-colour, cinereous beneath. Palpi porrect, fringed, as long as the breadth of the head; third joint conical, minute. Abdomen and hind wings cinereous. Fore wings acute, with a broad short curved ferruginous stripe, which joins the costa at each end and incloses a large semioval silvery white costal spot; costa slightly convex towards the base; exterior border slightly excavated in front. Length of the body 3 lines; of the wings 8 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

84. Pædisca morosana.

Fœm. *Cinereo-fusca; abdomen cinereum; alæ anticæ sat angustæ, apice rotundatæ, strigulis plurimis transversis fuscescentibus; posticæ cinereæ.*

Female. Cinereous-brown, more cinereous beneath. Palpi porrect, rather slender, slightly fringed, a little shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Abdomen cinereous. Wings rather narrow. Fore wings rounded at the tips, with numerous little transverse brownish streaks, of which a few are darker and more distinct than the others; costa and exterior border very slightly convex, the latter very oblique. Hind wings cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

85. Pædisca privatana.

Fœm. *Fuscescente-cinerea; palpi pallide cinerei; alæ anticæ acutæ, fusco conspersæ et strigatæ, lineola nigra discali obliqua interiore, litura discali exteriore nigricante; posticæ cinereæ, strigulis plurimis transversis fuscescentibus.*

Female. Brownish cinereous, paler beneath. Palpi porrect, pale cinereous, as long as the breadth of the head; third joint elongate-conical, not more than one-fourth of the length of the second. Fore wings acute, speckled with brown, minutely and transversely streaked with brown; a short black oblique line in the disk before the middle, and a blackish mark in the exterior part of the disk; costa almost straight; exterior border slightly convex, moderately oblique. Hind wings cinereous, with numerous transverse brownish streaklets. Length of the body 3 lines; of the wings 10 lines.

a. New Zealand. Presented by Col. Bolton.

Genus GRAPHOLITA.

North America.

138. Grapholita refusana.

Mas. *Cinereo-fusca, subtus cinerascens; alæ anticæ cinereæ, apice rotundatæ, disco fusco, lineis tribus transversis chalybæis sub-*

marginalibus, punctis atris submarginalibus; posticæ fuscescente-cinereæ, fimbria albido-cinerea.

Male. Cinereous-brown, more cinereous beneath. Palpi porrect, as long as the breadth of the head; third joint conical, not more than one-sixth of the length of the second. Antennæ very minutely pubescent. Abdomen extending rather beyond the hind wings. Fore wings cinereous, rounded at the tips, with very minute brown speckles, which are confluent in most of the disk; three irregular transverse shining chalybeous lines towards the exterior border; a few deep black points between the first and second lines; costa straight; exterior border slightly convex, moderately oblique. Hind wings brownish cinereous; fringe whitish cinereous. Length of the body 3 lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

139. Grapholita strenuana.

Mas. *Nigro-fusca, subtus fusco-cinerea; alæ anticæ acutæ, fascia media cinerea lata subundulata antice nigro-fusco nebulosa, plaga marginali postica cinerea nigricante notata, costa exteriore cinerea strigulis nigricantibus, margine exteriore antico subexcavato; posticæ fuscescente-cinereæ.*

Male. Blackish brown, brownish cinereous beneath. Palpi obliquely ascending, not rising so high as the vertex; third joint extremely short. Antennæ stout, very minutely crenulated. Abdomen extending much beyond the hind wings. Fore wings acute, with a broad middle slightly undulating cinereous band, which is clouded with blackish brown in front; a cinereous blackish-marked patch along the hind part of the exterior border; costa almost straight, cinereous exteriorly with oblique blackish streaks; exterior border hardly oblique, very slightly excavated in front, slightly convex hindward. Hind wings brownish cinereous. Length of the body 4 lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

140. Grapholita exvagana.

Nigricante-fusca; alæ anticæ cinereo conspersæ, plagis duabus maximis cinereis, costa subchalybæa cinereo punctata nigro strigulata.

Blackish brown, brownish cinereous beneath. Palpi slightly ascending, much shorter than the breadth of the head; third joint extremely short. Thorax and fore wings very minutely speckled with cinereous. Fore wings acute, with two very large cinereous patches; one on the middle of the interior border, the other on the hind part of the exterior border, partly bordered with black; a chalybeous tinge and cinereous points and oblique black streaklets along the costa, which is nearly straight; exterior border straight, slightly oblique. Length of the body 3 lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

141. Grapholita discigerana.

Mas. *Alba; palpi fimbriati, caput non superantes, articulo 3o vix conspicuo; alæ anticæ extus cervinæ aut cinereæ, striga postica lata interiore strigaque antica obliqua fuscis, guttis quatuor costalibus exterioribus trigonis lineolisque duabus discalibus nigris; posticæ cinereæ.*

Male. White. Palpi porrect, fringed, not extending beyond the head; third joint hardly visible. Antennæ smooth. Disk of the thorax brown. Abdomen extending a little beyond the hind wings. Fore wings acute, fawn-coloured or cinereous exteriorly, with a broad brown streak along the basal part of the interior border, and with a brown streak extending obliquely from the middle of the costa to the disk; four triangular black dots along the exterior part of the costa; first, second and third each accompanied by an elongated black point; fourth apical; two little black discal lines near the end of the costal streak; costa and exterior border almost straight, the latter slightly oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$—3 lines; of the wings 8—10 lines.

Allied to *G. lundiana* and to *G. derasana*.

a—*d*. Nova Scotia. From Lieut. Redman's collection.

142. Grapholita conflexana.

Mas. *Fusca; palpi subtus late fimbriati, caput non superantes, articulo 3o minimo; alæ anticæ vitta obliqua undulata strigisque tribus obliquis costalibus exterioribus argenteis, costa basi cinerea nigricante punctata; posticæ cinereæ.*

Nearly alied to *G. Myrtillana*. *Male.*— Brown, cinereous beneath. Palpi porrect, broadly fringed beneath, not extending

beyond the head; third joint extremely minute. Antennæ stout. Abdomen extending a little beyond the hind wings. Fore wings acute, with a silvery undulating stripe, which extends from the costa to the middle of the exterior border; costa towards the base cinereous, with oblique blackish points; exterior costa with oblique silvery streaks, of which the first is elongated to the exterior border; costa and exterior border almost straight, the latter rather oblique. Hind wings cinereous. Length of the body 3 lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

143. GRAPHOLITA DIVISANA.

Mas. *Cervina; caput albido-testaceum; palpi subfimbriati, caput vix superantes, articulo 3o vix conspicuo; alæ anticæ basi cinereo-ferrugineæ, plaga basali ferruginea, costa exteriore ferruginea lituris obliquis albis; posticæ fuscescente-cinereæ, fimbria albida.*

Allied to *G. Mitterbachiana*. *Male*.—Fawn-colour. Head and under side whitish testaceous. Palpi porrect, hardly extending beyond the head; second joint with a short fringe; third hardly visible. Fore wings acute, ferruginous and tinged with cinereous towards the base, where there is an elongated ferruginous patch; a few minute white oblique marks near the tip of the costa, which is ferruginous exteriorly. Hind wings brownish cinereous; fringe whitish. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a, *b*. Nova Scotia. From Lieut. Redman's collection.

144. GRAPHOLITA METAMELANA.

Fœm. *Albida; vertex fuscus, subcristatus; palpi subtus late fimbriati, capitis latitudine breviores, articulo 3o minimo; alæ anticæ striga costali ferruginea lata obliqua, striga exteriore fusca lituras albas obliquas includente, striga postica lata concisa nigricante, spatio marginali cinereo; posticæ nigricante-cinereæ.*

Female. Whitish. Vertex of the head brown, slightly crested. Palpi porrect, broadly fringed beneath, shorter than the breadth of the head; third joint extremely small. Fore wings acute, cinereous towards the exterior border, with a broad ferruginous very oblique costal streak, and with an exterior brown streak, which extends

along the costa to the tip; the latter includes some oblique minute white marks; a broad blackish concise streak extending along the interior border from near the base, and two minute longitudinal streaks in the disk near the exterior border; costa very slightly convex; exterior border rather oblique. Hind wings blackish cinereous; fringe paler. Length of the body 2 lines; of the wings 6 lines.

a. North America. From Mr. Carter's collection.

145. Grapholita discoferana.

Mas. *Albida; caput supra ochraceum, subfasciculatum; palpi subfimbriati, capitis latitudine vix breviores, articulo 3o minimo; thoracis discus nigricans; abdomen nigricans, fasciculo albido; alæ anticæ falcatæ, luteo variæ, macula postica maxima extus dilatata fasciaque exteriore obliqua angulata fuscis; posticæ nigricante-cinereæ.*

Male. Whitish. Head above dull ochraceous, slightly tufted. Palpi slender, slightly declining, slightly fringed, nearly as long as the breadth of the head; third joint extremely minute. Disk of the thorax blackish. Abdomen blackish, extending beyond the hind wings; apical tuft whitish. Fore wings falcate, partly tinged with luteous, with a very large brown spot, which extends from the base along half the length of the interior border and widens outward; an exterior slightly oblique brown band, which has a prominent angle on its outer side; costa slightly convex, with minute black marks along its exterior half; exterior border convex, except in front, very oblique hindward. Hind wings blackish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 5 lines.

a. North America. From Mr. Carter's collection.

146. Grapholita sagittana.

Cervina; alæ anticæ lineis apud venas obscurioribus, triente apicali saturate cervina, strigulis costalibus exterioribus obliquis albidis, strigis duabus costalibus subapicalibus argenteis; posticæ fuscescente-cinereæ.

Nearly allied to *G. lanceolana*. Fawn-colour, paler beneath. Fore wings acute, with darker lines along the veins; apical third part mostly darker fawn-colour; a few oblique whitish streaklets along the exterior part of the costa, and two silvery transverse costal

subapical streaks; costa and exterior border straight, the latter hardly oblique. Hind wings brownish cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Nova Scotia. From Lieut. Redman's collection.

147. Grapholita solicitana.

Glauco-cinerea; palpi subdecumbentes, fimbriati, capitis latitudine vix breviores; alæ anticæ fusco tessellatæ, plagis duabus nigro-fuscis, 1a discali, 2a apud angulum interiorem, spatio apicali cervino, lituris costalibus parvis obliquis fuscis, strigulis costalibus quatuor exterioribus albidis; posticæ pallide cinereæ.

Glaucous-cinereous. Palpi slightly decumbent, nearly as long as the breadth of the head; second joint with a short thick fringe; third hardly visible. Fore wings rectangular at the tips, tessellated or transversely streaked with brown; a brown black-marked patch by the interior angle, and another in the disk before the middle; apical part fawn-colour; costa straight, with small oblique brown marks, and with four exterior white oblique streaklets; marginal line black; fringe white at the base. Hind wings pale cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Nova Scotia. From Lieut. Redman's collection.

148. Grapholita Parryana.

Parryana, *Ct.*

Arctic America.

West Indies.

149. Grapholita? subapicana.

Fœm. *Nigricans, subtus cinerea; palpi læves, articulo 3o longi-conico; abdomen cinereum; alæ anticæ dimidio basali cinereo nebulosæ, gutta costali subapicali trigona alba; posticæ fuscescente-cinereæ, fimbria albida interlineata.*

Female. Blackish, mostly cinereous beneath. Palpi porrect, smooth, extending a little beyond the head; third joint elongate-conical, about one-third of the length of the second. Abdomen cinereous. Fore wings hardly acute, varied with cinereous for full half the length from the base; a white triangular costal subapical dot; costa and exterior border straight, the latter rather oblique.

Hind wings brownish cinereous; fringe whitish, interlined with brownish. Length of the body 3 lines; of the wings 8 lines.

This species hardly belongs to *Grapholita*, but its state does not afford sufficient characters for the establishment of a new genus.

a. St. Domingo. From Mr. Tweedie's collection.

South Africa.

150. Grapholita spissana.

spissana, *Zl.*

Natal.

Asia.

151. Grapholita obtusana.

Fœm. *Cervina; palpi securiformes, obtusi, fimbriati, caput vix superantes; alæ anticæ vix acutæ, macula discali fasciaque exteriore obliqua fuscescentibus, punctis nigris discalibus adhuc exterioribus, linea submarginali albida, strigulis costalibus fuscis albidisque.*

Female. Fawn-colour, mostly cinereous beneath. Palpi securiform, obtuse, hardly extending beyond the head; second joint with a short thick fringe above; third extremely short and minute. Fore wings hardly acute, with a brownish discal spot, and with a brownish oblique exterior band, beyond which there are some black points in the fore part of the disk; a slender whitish submarginal line; costa hardly convex, with oblique brown and whitish streaklets; exterior border hardly oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

152. Grapholita confertana.

Fœm. *Fusca, sat robusta; palpi subdecumbentes, albido bifasciati; alæ anticæ apice rectangulatæ, lineis plurimis transversis cinereis flexis aut deviis, plagis duabus cervinis, 1a subapicali, 2a marginali, strigulis costalibus obliquis albidis.*

Female. Brown, rather stout, with a cinereous tinge beneath. Palpi slightly decumbent, shorter than the breadth of the head, with two whitish bands; third joint conical, less than half the length

of the second. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Fore wings rectangular at the tips, with many transverse cinereous lines, of which those on the basal half are bent, and those on the exterior part are very irregular; a fawn-coloured patch near the tip of the costa, and another on the hind part of the exterior border; costa very slightly convex, with oblique whitish streaklets; exterior border oblique hindward. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a, *b*. Ceylon. Presented by Dr. Templeton.

153. Grapholita clavigerana.

Mas. *Fusca, robusta; palpi capitis latitudine multo breviores, subtus fimbriati, articulo 3o minimo; antennæ subcrenulatæ; abdomen alas posticas longe superans; alæ anticæ vitta discali subargentea antice angulata nigro tripunctata, strigis costalibus exterioribus obliquis cinereis; posticæ cinereo-fuscæ.*

Male. Brown, stout. Palpi porrect, much shorter than the breadth of the head; second joint fringed beneath; third very minute. Antennæ stout, indistinctly crenulated. Abdomen extending much beyond the hind wings. Fore wings acute, with a slightly silvery discal stripe, which forms a prominent angle towards the costa and terminates in a round spot; this spot contains three black points, and rests on the interior angle; costa straight, with some oblique cinereous streaks beyond the middle; exterior border very oblique hindward. Hind wings cinereous-brown; fringe cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Shanghai. From the Entomological Society's collection.

154. Grapholita delineana.

Fœm. *Cinereo-cervina; palpi albi, capitis latitudine breviores, articulo 3o minimo; alæ anticæ spatio costali albido strigulas nigras obliquas includente, striga discali nigricante, strigis exterioribus transversis fuscis, strigis quatuor posticis obliquis albis; posticæ fuscæ.*

Female. Cinereous fawn-colour. Body white beneath. Palpi white, porrect, shorter than the breadth of the head; third joint extremely minute. Abdomen extending a little beyond the hind wings. Fore wings hardly acute; costal space whitish, with short oblique black streaks, which are most numerous along the exterior

part; a blackish longitudinal discal streak and some exterior transverse brown streaks; four white streaks extending obliquely outward from the interior border to the disk; costa and exterior border almost straight, the latter moderately oblique. Hind wings brown. Length of the body 2—2½ lines; of the wings 5—6 lines.

a, *b*. China. Presented by G. T. Laye, Esq.

155. Grapholita apicatana.

Mas. *Obscure cinerea; caput album; palpi sat graciles, capitis latitudine non breviores, articulo 3o minimo; alæ anticæ angustæ, apice rotundatæ, strigis apud marginem interiorem pallide cinereis, quatuor obliquis, costa alba strigulis obliquis fuscis, gutta discali atra.*

Male. Dark cinereous. Head and palpi white. Palpi porrect, rather slender, as long as the breadth of the head; third joint very minute. Antennæ rather stout. Wings narrow. Fore wings rounded at the tips, with four pale cinereous oblique streaks, and with some more pale cinereous not oblique streaks on the interior border; costa white, straight, with oblique minute brown streaks; a deep black apical dot; exterior border rather oblique. Length of the body 2¾ lines; of the wings 7 lines.

a. China. Presented by G. T. Laye, Esq.

Borneo.

156. Grapholita responsana.

Mas. *Subochracea; palpi oblique ascendentes, articulo 3o conico; abdomen fusco-cinereum; alæ anticæ albido conspersæ, fasciis duabus cervinis, 1a angusta undulata, 2a obliqua extus fusca cinereo marginata, strigulis subapicalibus nigricantibus et albidis, lineis submarginali et marginali albidis nigricante marginatis, punctis costalibus nigris; posticæ fuscescente-cinereæ.*

Male. Dull ochraceous, brownish cinereous beneath. Palpi obliquely ascending, not rising so high as the vertex; third joint conical, minute. Antennæ robust, smooth. Abdomen and hind wings brownish cinereous, the former extending much beyond the latter. Fore wings acute, transversely whitish-speckled, with two fawn-coloured bands; first band narrow, undulating; second

oblique, diffuse on the inner side, brown exteriorly, where it is concisely limited by a cinereous line; subapical space with blackish and whitish longitudinal streaklets, these are limited by a whitish curved line, which is blackish-bordered outward; marginal line whitish, blackish-bordered exteriorly; costa very slightly convex, with well-defined black points; exterior border slightly oblique. Length of the body $3\frac{1}{2}$ lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

157. Grapholita mortuana.

Fœm. *Cinereo-fusca; palpi subfimbriati, caput vix superantes, articulo 3o brevissimo; alæ anticæ canæ, subfalcatæ, fusco subconspersæ, vitta discali æneo-fusca, lineis duabus arcuatis e punctis nigris, spatio apud angulum interiorem schistaceo, punctis costalibus nigris elongatis.*

Female. Cinereous-brown. Palpi porrect, slightly fringed, hardly extending beyond the head; third joint very short. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Fore wings hoary, subfalcate, slightly brown-speckled, with an æneous-brown discal stripe, which extends from the base to the tip; two transverse curved lines towards the tip, composed of black points; space about the interior angle slaty cinereous; costa straight, with oblique elongated black points; exterior border slightly convex, rather oblique. Hind wings tinged with æneous. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

158. Grapholita parvulana.

Fœm. *Subcervino-albida, subtus sordide cinerea; alæ anticæ acutæ, fuscescente strigatæ, fascia informi marginem interiorem non attingente, plaga postica spatioque apicali fuscescentibus; posticæ obscure cinereæ, fimbria albida interlineata.*

Female. Whitish, slightly tinged with pale fawn-colour, dingy cinereous beneath. Palpi porrect, almost as long as the breadth of the head; second joint fringed above; third extremely short. Fore wings acute, transversely and minutely brownish-streaked, with an irregular brown band, which does not extend to the interior border;

a brownish patch near the interior angle; apical space irregularly brownish; costa straight; exterior border slightly convex and oblique; interior border convex, except towards the tip. Hind wings dark cinereous; fringe whitish, interlined with cinereous. Length of the body 2 lines; of the wings 5 lines.

a. Moreton Bay. From Mr. Diggles' collection.

159. Grapholita extrusana.

Mas. *Fuscescente-cinerea; palpi fusci; alæ anticæ subacutæ, fusco conspersæ, plagis duabus fuscis ex parte nigro marginatis, 1a postica, 2a apicali strigam obliquam cineream includente, fascia basali interrupta fuscescente nigro notata; posticæ fuscescente-cinereæ, fimbria pallide cinerea.*

Male. Brownish cinereous. Palpi brown, porrect, broad, fringed, much shorter than the breadth of the head; third joint extremely short. Antennæ minutely setulose. Abdomen extending rather beyond the hind wings. Fore wings slightly acute, with transverse brown speckles, and with two brown partly black-bordered patches, one on the interior border, the other occupying the apical part and including an oblique cinereous streak; an interrupted brownish black-marked band near the base; costa straight; exterior border slightly convex and oblique. Hind wings brownish cinereous; fringe pale cinereous, interlined with brownish near the base. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

160. Grapholita decolorana.

Mas. *Subcervino-albida; abdomen fasciculo apicali magno; alæ anticæ apice rotundatæ, macula basali, fascia obliqua plagaque costali exteriore cervinis nigro submarginatis.*

Male. Whitish, with a slight tinge of fawn-colour. Palpi porrect, a little shorter than the breadth of the head; second joint broadly fringed; third elongate-conical, about one-fourth of the length of the second. Antennæ very minutely setulose. Abdomen extending rather beyond the hind wings; apical tuft large. Fore wings rounded at the tips, with three fawn-coloured partly and slightly black-bordered marks; these consist of an oblique spot in the disk near the base, of an oblique band which extends from the costa to the interior angle, and of a few points and an exterior patch

on the costa; a few black marginal speckles; fringe long; costa and exterior border almost straight, the latter moderately oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney. From Mr. Diggles' collection.

161. Grapholita mutatana.

Mas. *Albido-testacea; caput obscure cinereum; palpi pilosi, capitis latitudine breviores, articulo 3o minimo; thorax nigro bipunctatus; alæ anticæ fascia obliqua maculaque costali exteriore fuscis nigro submarginatis, punctis basalibus et costalibusque lineaque marginali nigris; posticæ albidæ.*

Male. Whitish testaceous, whitish cinereous beneath. Head and palpi dark cinereous. Palpi porrect, pilose, shorter than the breadth of the head; third joint very minute. Thorax with two black points on each side. Abdomen extending beyond the hind wings. Fore wings acute; an oblique band and an exterior costal spot brown, slightly black-bordered; four black points in the disk near the base; three black costal points towards the tip; marginal line black, slender, interrupted; costa and exterior border straight, the latter slightly oblique. Hind wings whitish. Length of the body $2\frac{1}{4}$ lines; of the wings $5\frac{1}{2}$ lines.

a. Moreton Bay. From Mr. Diggles' collection.

162. Grapholita perspectana.

Mas. *Obscure cinerea; palpi subtus late fimbriati, capitis latitudine breviores, articulo 3o lanceolato; alæ anticæ angustæ, strigulis plurimis transversis vitta maculisque duabus fuscis; posticæ semihyalinæ.*

Male. Dark cinereous. Palpi porrect, shorter than the breadth of the head; second joint broadly fringed beneath; third lanceolate, less than half the length of the second. Antennæ stout. Wings narrow, elongated. Fore wings acute, with many minute transverse brown streaks, and with a brown stripe, which extends from one-third of the length of the interior border to three-fourths of the length in the disk; two brown spots, one near the interior angle, the other near the fore part of the exterior border; costa straight; exterior border slightly oblique. Hind wings semihyaline. Length of the body 2 lines; of the wings $5\frac{1}{2}$ lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus CARPOCAPSA.

North America.

5. Carpocapsa distigmana.

Mas. *Obscure schistacea; alæ anticæ acutæ, strigulis transversis indistinctis fuscis, maculis duabus maximis guttaque nigricante-fuscis cinereo marginatis; posticæ cinereo-fuscæ.*

Male. Dark slaty cinereous. Palpi porrect, pilose, as long as the breadth of the head; third joint acute, very minute, not more than one-sixth of the length of the second. Abdomen extending very little beyond the hind wings. Fore wings acute, with indistinct little transverse brown streaks, and with two very large blackish brown cinereous-bordered conical spots; first spot with its base on the interior border; second larger than the first, extending from the costa, nearly connected with a dot of the same hue which rests on the interior border; costa and exterior border straight, the latter moderately oblique. Hind wings cinereous-brown. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. North America. From Mr. Carter's collection.

6. Carpocapsa inexpertana.

Fœm. *Nigricante-cinerea; palpi nigricantes; alæ anticæ vix acutæ, cinereo-viridescente subtinctæ, strigulis nonnullis transversis atris, lituris costalibus et marginalibus ochraceis, lineolis transversis undulatis cinereis; posticæ nigricantes, fimbria pallide cinerea fusco interlineata.*

Female. Blackish cinereous, a little paler beneath. Palpi blackish, porrect, fringed, much shorter than the breadth of the head; third joint extremely short. Abdomen extending a little beyond the hind wings. Fore wings hardly acute, slightly tinged with greenish cinereous; a few transverse deep black marks; some ochraceous marks along the costa and along the exterior border; a few pale cinereous incomplete undulating transverse lines; costa straight; exterior border slightly convex, moderately oblique. Hind wings blackish; fringe pale cinereous, interlined with brown. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

7. Carpocapsa ferrolineana.

Mas. *Subochracea ; caput et thorax nigro conspersa ; alæ anticæ apice rotundatæ, fasciis tribus latis e atomis nigris, lineis transversis quinque guttularibus duabusque integris chalybeis ; posticæ obscure fuscæ, fimbria albido-cinerea.*

Male. Dull ochraceous, stout, mostly cinereous beneath. Head and thorax speckled with black. Palpi porrect, broad, pilose, much shorter than the breadth of the head ; third joint extremely minute. Antennæ stout, minutely pubescent. Abdomen extending a little beyond the hind wings. Fore wings somewhat rounded at the tips, with three broad irregular bands composed of black speckles, and with seven shining chalybeous transverse lines, of which the five first are interrupted and guttular ; costa and exterior border hardly convex, the latter very slightly oblique. Hind wings dark brown ; fringe whitish cinereous. Length of the body $3\frac{1}{2}$ lines ; of the wings 8 lines.

a. North America. From Mr. Carter's collection.

8. Carpocapsa clavana.

Mas. *Cinerea ; palpi albi, apice nigri ; tibiæ posticæ fimbriatæ ; alæ anticæ obscure ochraceæ, strigulis plurimis nigris, vitta discali cinerea extus dilatata marginem exteriorem non attingente ; posticæ cinereo-fuscæ, fimbria albida fusco interlineata.*

Male. Cinereous. Palpi white, stout, smooth, nearly erect, hardly rising higher than the vertex ; third joint black, conical, not more than one-sixth of the length of the second. Antennæ stout. Abdomen extending much beyond the hind wings ; apical tuft rather long, slightly radiating. Hind tibiæ fringed. Fore wings dark ochraceous, with numerous transverse black streaks, and with a pale cinereous discal stripe, which widens much beyond the middle and terminates near the exterior border, and extends to the interior angle ; costa and exterior border almost straight, the latter slightly oblique hindward. Hind wings cinereous-brown ; fringe whitish, interlined with brown near the base. Length of the body 4 lines ; of the wings 9 lines.

a. North America. From Mr. Carter's collection.

Mexico.

9. Carpocapsa saltitans.

saltitans, *Wtw.*—Dehaisiana, *Lucas.*

a, *b*. Mexico. Presented by Prof. Westwood.

South America.

10. Carpocapsa semicirculana.

Fœm. *Ferrugineo-fusca, subtus nigro-fusca; caput anticum pectusque albida; alæ anticæ nigro strigatæ, apice subrotundatæ, basi et apud marginem interiorem cinereo tinctæ, striga postica arcuata punctisque interioribus nigricantibus, strigulis costalibus obliquis ferrugineis; posticæ nigro-fuscæ.*

Female. Ferruginous. Wings beneath blackish brown. Head in front, palpi and pectus whitish. Palpi porrect, shorter than the breadth of the head; second joint striped with brown on the outer side; third extremely short. Fore wings slightly rounded at the tips, tinged with cinereous towards the base and along the interior border, with minute longitudinal black streaks, which are most distinct towards the exterior border; a broad blackish curved streak joining the exterior border, and forming with the corresponding one a horse-shoe mark; a few blackish points nearer the base; costa straight, with some oblique ferruginous streaks. Hind wings blackish brown. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Honduras. Presented by H. T. Stainton, Esq.

11. Carpocapsa terminana.

Mas. *Chalybæo-nigra; caput, thorax anticus et abdomen apice ochracea; alæ anticæ apice rectangulatæ, strigulis plurimis transversis nigris, fascia media cinerea interrupta subflexa, macula discali fasciaque marginali ochraceis; posticæ æneo-nigricantes, fimbria ochracea.*

Male. Chalybeous-blackish. Head and fore part of the thorax ochraceous, dark cinereous beneath. Body pale ochraceous beneath. Palpi porrect, obtuse, not extending beyond the head; second joint clavate; third extremely short. Antennæ smooth. Abdomen extending beyond the hind wings; tip ochraceous. Wings rather narrow. Fore wings rectangular at the tips, with

many little transverse black streaks; an ochraceous band along the exterior border; an ochraceous spot in the fore part of the disk near the band; a slender middle interrupted and slightly bent cinereous band; costa straight; exterior border oblique hindward. Hind wings æneous-blackish, with an ochraceous fringe. Length of the body 3 lines; of the wings 7 lines.

a, *b*. Ega. From Mr. Bates' collection.

12. Carpocapsa plenana.

Mas. *Ferruginea, subtus fusca; thorax cinereo trifasciatus; tibiæ posticæ dilatatæ; alæ anticæ vix acutæ, fusco tessellatæ, fasciis quinque chalybæis interlineatis subundulatis, 4a 5aque abbreviatis, linea marginali interrupta chalybea, fimbria nigricante notata; posticæ fuscæ, fimbria apud marginem interiorem albida penicillata longissima.*

Male. Ferruginous, brown beneath. Palpi porrect, very much shorter than the breadth of the head; third joint extremely short. Antennæ very minutely pubescent. Thorax with three cinereous bands. Abdomen brown, extending a little beyond the hind wings. Hind tibiæ dilated. Fore wings hardly acute, tessellated with brown; five interlined slightly undulating chalybeous bands; third band less regular than the first and the second; fourth abbreviated in front; fifth extending obliquely from the costa to the fore part of the exterior border; a chalybeous interrupted marginal line; fringe with blackish marks; costa and exterior border slightly convex, the latter slightly oblique. Hind wings brown, with a large whitish penicillate fringe along the interior border. Length of the body 3 lines; of the wings 8 lines.

a, *b*. Ega. From Mr. Bates' collection.

13. Carpocapsa atrorufana.

Mas. *Nigricans; abdomen maris alas posticas longe superans; alæ anticæ acutæ, guttis punctisque plurimis ochraceis, fascia interrupta punctisque submarginalibus atris.*

Male and female. Blackish, blackish cinereous beneath. Palpi porrect, short, extending very little beyond the head; third joint extremely short. Antennæ of the male stout, very minutely pubescent. Abdomen of the male extending much beyond the hind wings. Fore wings acute, with very numerous ochraceous dots and points, which are partly confluent, and with a widely interrupted

deep black band, which is composed of two patches, one costal, the other on the interior border, and nearer the base; a few deep black submarginal points; costa almost straight; exterior border slightly convex, hardly oblique. Length of the body $2\frac{1}{2}$—3 lines; of the wings 6—$6\frac{1}{2}$ lines.

a—*c*. Ega. From Mr. Bates' collection.

14. Carpocapsa transferrana.

Mas. *Æneo-cinerea; caput et thorax pallide cinereo-cervina; caput fascia nigro-chalybæa; thoracis discus nigro-chalybæus; alæ anticæ chalybæo-nigræ, apice rotundatæ, strigis plurimis transversis pallide cervinis, macula magna postica punctisque submarginalibus elongatis atris, spatio marginali ochraceo.*

Male. Æneous-cinereous. Head and thorax pale cinereous fawn-colour. Head with a chalybeous-black band. Palpi clavate, black at the base, whitish beneath, extending a little beyond the head; third joint extremely short. Antennæ stout, smooth. Thorax with a chalybeous-black disk. Abdomen extending much beyond the hind wings. Fore wings chalybeous-black, somewhat rounded at the tips, with numerous transverse pale fawn-coloured streaks, which are limited by a patch beyond the middle of the costa, and by a more exterior band; a large deep black spot on the interior border before the middle, and three elongated deep black submarginal points; apical space ochraceous; costa straight; exterior border slightly oblique hindward. Length of the body $3\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

15. Carpocapsa strigulana.

Fœm. *Obscure cervina; corpus subtus argenteo-albidum; palpi albidi, cinereo bifasciati; thorax fusco bifasciatus; alæ subtus purpureo-viridique nitentes; anticæ apice subrotundatæ, strigis plurimis transversis fuscis, punctis exterioribus cervinis, fascia submarginali strigulas quatuor atras includente annuloque postico cervinis connexis; posticæ nigricante-fuscæ, fimbria cinerea.*

Female. Dark fawn-colour. Body silvery whitish beneath. Palpi obtuse, porrect, whitish, with two blackish cinereous bands on the outer side, hardly extending beyond the head; third joint extremely short. Thorax with two brown bands. Wings beneath

with purple and green reflections. Fore wings slightly rounded at the tips, with numerous transverse brown streaks for more than half the length from the base; exterior part with fawn-coloured points, and with a short brighter fawn-coloured submarginal band, which contains four deep black streaks, and terminates hindward in a fawn-coloured circle; costa and exterior border very slightly convex, the latter very slightly oblique. Hind wings blackish brown; fringe cinereous. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

16. Carpocapsa atrochalybæana.

Mas. *Nigra, subtus alba; thoracis lineis transversis chalybæis; tibiæ posticæ subdilatatæ; abdomen fuscum; alæ anticæ apice subrotundatæ, lineis nonnullis chalybæis transversis undulatis ex parte connexis, strigis costalibus chalybæis; posticæ fuscæ, chalybæo fimbriatæ.*

Male. Black. Body beneath, femora and hind tibiæ white, the latter slightly dilated and fringed. Palpi porrect, obtuse, hardly extending beyond the head; third joint extremly short. Antennæ stout, minutely setulose. Thorax with chalybeous transverse lines. Abdomen brown, extending somewhat beyond the hind wings. Fore wings slightly rounded at the tips, with several irregular undulating partly connected chalybeous lines; costa very slightly convex, with three groups of oblique chalybeous streaks; exterior border slightly convex and oblique. Hind wings brown; fringe chalybeous. Length of the body 4 lines; of the wings $9\frac{1}{2}$ lines.

a. Ega. From Mr. Bates' collection.

17. Carpocapsa descriptana.

Mas. *Albido-cinerea, cervino pallido subtincta; alæ sat angustæ, subtus nigricante-cinereæ; anticæ nigricante strigatæ, apice rectangulatæ, plagis duabus posticis nigricantibus, vitta costali rufescente-cervina, strigulis costalibus obliquis albidis, lineola submarginali postica chalybæa; strigulis duabus submarginalibus atris; posticæ nigricante-cinereæ.*

Male. Whitish cinereous, slightly tinged with pale fawn-colour. Antennæ smooth. Abdomen extending beyond the hind wings. Wings rather narrow, blackish cinereous beneath. Fore wings rectangular at the tips, minutely and transversely blackish

streaked, two blackish patches on the interior border; a reddish fawn-coloured costal stripe, which disappears towards the base; a row of minute oblique whitish costal streaks; a short hindward chalybeous submarginal line, which is accompanied by two or three deep black longitudinal streaklets; costa straight; exterior border slightly convex, hardly oblique. Hind wings blackish cinereous, with an æneous tinge. Length of the body 4 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

18. Carpocapsa decretana.

Fœm. *Ferrugineo-fusca, subtus pallide cinerea; alæ anticæ pallide cinereæ, fusco conspersæ, apice rectangulatæ, fasciis duabus latis ferrugineis postice abbreviatis, 2a valde indeterminata, fasciola submarginali ferruginea ochraceo marginata, lituris costalibus parvis obliquis nigris; posticæ nigricante-cinereæ.*

Female. Ferruginous-brown, pale cinereous beneath. Palpi porrect, much shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Fore wings pale cinereous, brown-speckled, rectangular at the tips, with two broad ferruginous-brown bands, which are abbreviated hindward; second band much abbreviated and incomplete; submarginal band of the same hue, bordered with dull ochraceous, which colour extends along the exterior part of the costa; costa with small oblique black marks; costa and exterior border very slightly convex, the latter hardly oblique. Hind wings blackish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

19. Carpocapsa selectana.

Cervina, subtus argentea; thorax rufescente conspersus; alæ anticæ rufo strigatæ, apice rotundatæ, plaga marginali nigricante excavata, punctis tribus submarginalibus nigris.

Fawn-colour. Abdomen, fore wings beneath and hind wings blackish brown. Body silvery beneath. Thorax reddish-speckled. Abdomen extending somewhat beyond the hind wings. Fore wings rounded at the tips, longitudinally streaked with red; an excavated blackish patch on the hind part of the exterior border; three black submarginal points; a short whitish marginal line accompanied on the

inner side by a shorter chalybeous line; costa straight, with oblique pale streaklets; exterior border oblique hindward. Hind wings with the fringe fawn-coloured about the tips. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

20. Carpocapsa transductana.

Mas. *Nigricante-fusca, subtus fusca; thorax nigro-chalybæus; pectus albidum; pedes postici albidi, tibiis dilatatis fimbriatis; alæ anticæ apice subrotundatæ, fasciis quatuor chalybæis angulosis interlineatis, 4a informi interrupta, strigulis costalibus obliquis pallide cinereis; posticæ obscure fuscæ, fimbria cinerea.*

Male. Blackish brown, brown beneath. Palpi porrect, much shorter than the breadth of the head; third joint extremely short. Antennæ minutely pubescent. Thorax chalybeous-black. Abdomen extending much beyond the hind wings. Pectus and hind legs whitish; hind tibiæ dilated and fringed. Fore wings slightly rounded at the tips, with four zigzag interlined chalybeous bands; third band irregular; fourth still more irregular, interrupted; costa slightly convex, with minute oblique pale cinereous streaks; exterior border convex, moderately oblique. Hind wings dark brown; fringe cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

21. Carpocapsa rubiginosana.

Mas. *Nigricante-fusca, subtus pallide cinerea; abdomen rufescens; alæ anticæ apice subrotundatæ, punctis strigulisque plurimis ochraceis, fasciis tribus indeterminatis, lineola interiore lituris que exterioribus chalybæis, his basi albidis; posticæ rufescentes.*

Male. Blackish brown, pale cinereous beneath. Palpi paler, slightly ascending, shorter than the breadth of the head; second joint slightly curved; third conical, brown, not more than one-fourth of the length of the second. Antennæ indistinctly setulose. Abdomen reddish. Fore wings somewhat rounded at the tips, with numerous and various ochraceous points and transverse streaks, of which latter there is a continuous undulating exterior line; three

incomplete irregular chalybeous bands; a chalybeous exterior subcostal line and a few chalybeous exterior costal streaks, each of which is whitish at the base; costa hardly convex; exterior border slightly convex and oblique. Hind wings reddish. Length of the body $2\frac{1}{4}$—$2\frac{1}{2}$ lines; of the wings 6—$6\frac{1}{2}$ lines.

a, *b*. Ega. From Mr. Bates' collection.

22. Carpocapsa conclusana.

Fœm. *Obscure ochracea, subtus cinerea; alæ anticæ apice rectangulatæ, triente basali oblique cinerea strigulis plurimis fuscis, fascia obliqua informi interrupta atra, litura plurimis exterioribus parvis purpureo-nigris, strigis nonnullis submarginalibus atris; posticæ nigricante-cupreæ, fimbria obscure cinerea.*

Female. Dark ochraceous. Body cinereous beneath. Palpi porrect, much shorter than the breadth of the head; third joint extremely short. Fore wings rectangular at the tips; basal third part obliquely cinereous, with numerous brown speckles; a deep black oblique irregular interrupted band, of which the most conspicuous part is the quadrate spot in front; exterior part with numerous minute purplish black marks, and with an incomplete submarginal line of deep black minute transverse streaks; costa hardly convex; exterior border rounded and slightly oblique hindward. Hind wings blackish cupreous; fringe dark cinereous. Length of the body $2\frac{1}{4}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

23. Carpocapsa compensana.

Fœm. *Ochracea; thorax fasciolis tribus nigricantibus; pectus et abdomen pallide cinerea; alæ anticæ apice rectangulatæ, strigulis plurimis transversis nigricantibus ex parte contiguis, fasciis quatuor chalybæis, 4a tenui arcuata submarginali; posticæ nigricantes, fimbria albida.*

Female. Ochraceous. Pectus and abdomen pale cinereous. Palpi porrect, hardly extending beyond the head; third joint conical, not more than one-fourth of the length of the second. Thorax with three irregular blackish bands. Fore wings rectangular at the tips, with numerous transverse partly confluent blackish streaks, and with four irregular chalybeous bands; first band basal; third abbreviated at each end; fourth slender, curved, submarginal,

much abbreviated hindward; costa and exterior border slightly convex, the latter hardly oblique; under side and hind wings blackish, the latter with a whitish fringe. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

24. Carpocapsa carana.

Fœm. *Cupreo-nigra; alæ anticæ apice rectangulatæ, antice purpureo tinctæ, disco exteriore aurato-ochraceo lituris nigro-cupreis, strigulis costalibus obliquis albis; posticæ disco aurato-ochraceæ.*

Female. Cupreous-black. Palpi slightly curved and ascending, much shorter than the breadth of the head; third joint extremely short. Fore wings rectangular at the tips, with a purple tinge in front; exterior part of the disk gilded ochraceous, with cupreous-black marks; costa slightly convex, with oblique white streaks; exterior border convex, hardly oblique. Hind wings with a gilded ochraceous disk. Length of the body $2\frac{1}{2}$ lines; of the wings 5—6 lines.

a—c. Ega. From Mr. Bates' collection.

25. Carpocapsa comptana.

Fœm. *Cupreo-nigra; alæ anticæ apice rectangulatæ, disco exteriore ochraceo strigulis plurimis cupreo-nigris, strigis costalibus obliquis ochraceis basi albis; posticæ fimbria cinerea.*

Female. Cupreous-black, a little paler beneath. Palpi porrect, hardly extending beyond the head; second joint slightly curved, hardly fringed; third extremely small, short, hardly visible. Fore wings rectangular at the tips, with some oblique ochraceous costal streaks, which are white at the base; exterior disk ochraceous, with numerous transverse partly confluent cupreous-black streaks; costa almost straight; exterior border slightly convex and oblique. Hind wings with a cinereous fringe. Length of the body 2 lines; of the wings 5 lines.

This species hardly differs from *C. carana*, with the exception of the ochraceous disk of the hind wings of the latter.

a. Ega. From Mr. Bates' collection.

26. Carpocapsa leucomesana.

Mas. *Chalybæa, subtus albida; caput albidum; abdomen cupreo-fuscum; alæ anticæ angustæ, apice rectangulatæ, strigis transversis fasciisque duabus indeterminatis ferrugineis, spatio marginali ochraceo punctis duobus atris liturisque chalybæis micantibus; posticæ cupreo-fuscæ, fimbria cinerea.*

Male. Chalybeous. Head and body beneath whitish, shining. Palpi porrect, much shorter than the breadth of the head; second joint with a short fringe; third extremely short. Antennæ stout. Abdomen cupreous-brown, extending much beyond the hind wings; apical tuft cinereous. Fore wings narrow, rectangular at the tips, with transverse ferruginous streaks and with two irregular ferruginous bands; space along the exterior border ochraceous, with two deep black points, and with a few transverse bright chalybeous marks; costa straight; exterior border slightly convex, hardly oblique. Hind wings cupreous-brown; fringe cinereous. Length of the body 3 lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

27. Carpocapsa monstratana.

Fœm. *Cinereo-nigra; alæ anticæ cupreo-nigræ, chalybæo nitentes, apice rotundatæ, strigulis transversis atris, macula costali magna elongata ochracea strigulas albidas obliquas includente; posticæ obscure fuscæ, fimbria cinerea.*

Femule. Cinereous-black. Palpi obliquely ascending, very much shorter than the breadth of the head; third joint conical, about one-fourth of the length of the second. Fore wings cupreous-black, rounded at the tips, partly and irregularly glossed with chalybeous-black; a large elongated ochraceous spot along the exterior part of the costa, including minute whitish oblique costal streaks; costa and exterior border convex, the latter moderately oblique. Hind wings dark brown; fringe cinereous. Length of the body 4 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

28. Carpocapsa latiferana.

Fœm. *Nigricans; caput cinereum; alæ anticæ cinereo conspersæ, spatio exteriore saturate rufo non conspersо lineam subcostalem lineasque duas transversas chalybæas includente, strigis tribus submarginalibus nigris, strigulis costalibus obliquis cinereis; posticæ fimbria pallide cinerea.*

Female. Blackish. Head and palpi cinereous; the latter porrect, extending very little beyond the head; second joint slightly fringed; third conical, full one-fourth of the length of the second. Thorax and fore wings speckled with cinereous. Fore wings rectangular at the tips; exterior part deep red, not speckled in front, including a chalybeous slightly oblique subcostal longitudinal line and two transverse chalybeous lines; three short longitudinal black streaks between the transverse lines; some little oblique cinereous streaks along the exterior part of the costa; costa slightly convex; exterior border slightly oblique hindward. Hind wings with a pale cinereous fringe. Length of the body 2½ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

29. Carpocapsa metaspilana.

Mas. *Obscure fusca; palpi capitis latitudine multo breviores, articulo 3o minimo; alæ anticæ obtusæ, strigulis exterioribus ochraceis, strigulis plurimis nigris, striga arcuata lata ferruginea cinereo marginata, lineis duabus transversis interruptis chalybæis; posticæ nigro-fuscæ.* Fœm.—*Alæ anticæ ferrugineæ, strigis duabus obliquis strigulisque submarginalibus nigris, macula apud angulum interiorem cinerea.*

Male. Dark cinereous-brown. Palpi stout, porrect, much shorter than the breadth of the head; third joint extremely minute. Antennæ stout. Abdomen extending a little beyond the hind wings. Fore wings slightly obtuse at the tips, with dull ochraceous streaks, which are only apparent in the exterior part of the wing and are most distinct near the exterior border; black streaks more numerous and minute; a broad curved ferruginous cinereous-bordered streak extending outward from the interior border to the disk; a few slender longitudinal submarginal black streaks; two transverse incomplete chalybeous lines, one marginal, the other submarginal;

costa very slightly convex; exterior border slightly oblique hindward. Hind wings blackish brown. Length of the body 3½ lines; of the wings 9 lines.

a—d. Honduras. From Mr. Dyson's collection.
e. Ega. From Mr. Bates' collection.

Female. Ferruginous. Body pale cinereous beneath. Abdomen cinereous-brown, extending beyond the hind wings. Fore wings rectangular at the tips, with a few black speckles, and with two short oblique blackish streaks, which extend from the interior border towards the disk; first streak slender, near the base; second broad, curved outward; a few minute longitudinal submarginal black streaks; a cinereous spot by the interior angle; costa straight, with oblique very minute black marks; exterior border very oblique hindward. Hind wings dark brown. Length of the body 3 lines; of the wings 8 lines.

f. Ega. From Mr. Bates' collection.

30. Carpocapsa assumptana.

Fœm. *Purpurascente-nigra; corpus subtus albidum; caput et thorax anticus ochracea; thorax ochraceo bivittatus; abdomen nigro-cupreum; alæ anticæ apice subrotundatæ, guttis plurimis strigulis basalibus lituraque submarginali ochraceis, strigulis costalibus obliquis pallide flavescentibus; posticæ ochraceæ, nigricante marginatæ, fimbria pallide ochracea.*

Female. Purplish black. Body whitish and shining beneath. Head and fore part of the thorax ochraceous. Palpi porrect, shorter than the breadth of the head; third joint elongate-conical, less than half the lengrh of the second. Antennæ rather short and stout. Thorax with two ochraceous stripes. Abdomen blackish cupreous. Fore wings slightly rounded at the tips, with very numerous small ochraceous dots; basal part with longitudinal ochraceous streaks; a transverse irregularly 8-shaped ochraceous mark along the hind part of the exterior border; costa slightly convex, with some minute oblique pale yellowish marks along its exterior part; exterior border slightly convex and oblique. Hind wings ochraceous, broadly and diffusedly blackish bordered; fringe pale ochraceous. Length of the body 2½ lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

31. Carpocapsa defluxana.

Mas. *Nigra; caput antice ochraceum; palpi pallide ochracei, apice fusci; thorax antice ochraceo quadrinotatus, postice cinereus; abdomen ochraceum; pedes albidi, tarsis nigro fasciatis; alæ anticæ subacutæ, lituris plurimis parvis ochraceis, plagis nonnullis viridescentibus aut cyanescentibus, strigulis costalibus obliquis albidis; posticæ ochraceæ.*

Male. Black, mostly ochraceous beneath. Head ochraceous in front. Palpi pale ochraceous, pubescent, slightly ascending, shorter than the breadth of the head; third joint conical, brown, about one-fourth of the length of the second. Antennæ short, stout. Thorax with four dull ochraceous marks in front, cinereous hindward. Abdomen dark ochraceous, extending a little beyond the hind wings. Legs whitish, shining; tarsi with blackish bands. Fore wings slightly acute, with many small irregular ochraceous marks, and with a few metallic greenish or bluish patches; costa straight, very slightly convex towards the tip, with minute oblique whitish streaks; exterior border slightly convex and oblique. Hind wings dark ochraceous. Length of the body 3 lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

32. Carpocapsa influxana.

Fœm. *Nigricans; corpus subtus pallide flavescens; palpi pallide flavescentes, ascendentes, antice nigri, articulo 3o brevissimo; thorax flavescente fasciatus; abdomen basi flavescens; alæ anticæ obscure ochraceæ, nigro nebulosæ, antice cyaneo strigatæ, strigis transversis exterioribus chalybæis, strigulis costalibus obliquis albidis, guttis submarginalibus atris; posticæ pallide flavæ, margine lato nigricante.*

Female. Blackish. Body pale yellowish beneath. Palpi pale yellowish, ascending, very slightly curved, rising a little higher than the vertex, black and slightly fringed in front; third joint extremely short. Thorax with a yellowish band in front. Abdomen pale yellowish at the base, extending much beyond the hind wings. Fore wings hardly acute, very dark ochraceous, mostly shaded with black, streaked with chalybeous-blue along the costa, transversely streaked with chalybeous towards the exterior border;

a row of deep black submarginal dots; costa exteriorly slightly convex, with whitish oblique streaklets; exterior border convex, hardly oblique. Hind wings pale yellow, with a broad blackish border. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a—d. Ega. From Mr. Bates' collection.

Sect. N.

Mas. Corpus sat robustum. Palpi porrecti, pilosi, capitis latitudine non breviores; articulus 3us elongatus, 2i triente vix brevior. Antennæ robustæ, glabræ. Abdomen alas posticas longe superans. Femora et tibiæ posteriora dilatata. Alæ anticæ acutæ, subfalcatæ, costa extus convexa, margine exteriore convexo.

Male. Body moderately stout. Palpi porrect, pilose, as long as the breadth of the head; third joint elongate, nearly one-third of the length of the second. Antennæ stout, smooth. Abdomen extending much beyond the hind wings. Posterior femora and tibiæ rather dilated. Wings rather narrow. Fore wings acute, subfalcate; costa convex exteriorly; exterior border slightly oblique, convex in the middle.

33. Carpocapsa ocelliferana.

Mas. *Rufescente-ferruginea, subtus fusca; palpi apice nigri; alæ anticæ fusco subtessellatæ, gutta discali nigra chalybæo notata, lituris costalibus lineisque tribus exterioribus transversis chalybæis.* Var. β.—*Obscure fusca; gutta discalis major; costa lituris transversis pallide cinereis, spatio marginali rufescente strigulis fuscis.*

Male. Reddish ferruginous, brown beneath. Third joint of the palpi black. Abdomen and hind wings brown. Fore wings irregularly tessellated with brown; discal dot black, marked with chalybeous; some black and chalybeous marks along the costa; three slight transverse chalybeous lines near the exterior border. *Var.* β.—Thorax and fore wings dark brown; discal dot larger; costa with minute transverse pale cinereous marks; marginal space about the tips reddish, streaked with brown. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a, *b*. Ega. From Mr. Bates' collection.

34. Carpocapsa tonsana.

Fœm. *Rufescens, subtus obscure fusca; palpi pallide rufescentes; thorax nigro fasciatus; pedes posteriores non dilatati; alæ anticæ nigro conspersæ et plagiatæ, lituris costalibus lineisque tribus exterioribus chalybæis, costa extus convexa; posticæ obscure fuscæ.*

Female. Reddish. Fore wings beneath, hind wings and abdomen dark brown. Palpi pale reddish, nearly as long as the breadth of the head; third joint conical, minute. Thorax with a black band. Abdomen extending a litttle beyond the hind wings. Posterior legs not dilated. Fore wings speckled and blotched with black; some chalybeous marks along the costa and three irregular transverse chalybeous lines near the exterior border; costa convex exteriorly; exterior border straight in front, convex hindward, not oblique. Length of the body 3 lines; of the wings 7 lines.

a—e. Ega. From Mr. Bates' collection.

35. Carpocapsa? Renselariana.

Renselariana, *Cr.*

Surinam.

36. Carpocapsa? Clerckiana.

Clerckiana, *Cr.*

Surinam.

South Africa.

37. Carpocapsa diremptana.

Fœm. *Obscure fusca, subtus cinereo-fusca; alæ anticæ ferrugineo variæ, apice rotundatæ, strigulis transversis nigris, spatio marginali cinereo strigam obliquam lineamque submarginalem nigras includente; posticæ cinereo-fuscæ.*

Female. Dark brown, cinereous-brown beneath. Palpi porrect, much shorter than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Fore wings rounded at the tips, with minute transverse black streaks, tinged here and there with ferruginous; space along the exterior border cinereous, including a short broad oblique black streak and a slender black submarginal line; costa and exterior border slightly convex,

the latter moderately oblique. Hind wings cinereous-brown. Length of the body 4 lines; of the wings 9 lines.

a. Cape. From M. Dregé's collection.

Asia.

38. Carpocapsa informosana.

Fœm. *Obscure fusca; palpi caput perpaullo superantes, articulo 3o longi-conico; abdomen alas posticas longe superans; alæ fimbria albida; alæ æneo subtinctæ, cinereo subnebulosæ, lituris costalibus obliquis nigricantibus; posticæ nigricantes.*

Female. Dark brown. Palpi porrect, rather slender, extending very little beyond the hind wings; third joint short, elongate-conical. Abdomen extending much beyond the hind wings. Wings elongate; fringe whitish. Fore wings rectangular at the tips, slightly tinged with æneous and clouded with cinereous; costa straight, with a few minute oblique blackish marks along its exterior part; exterior border rather oblique hindward. Hind wings blackish. Length of the body 3 lines; of the wings 7 lines.

a. Shanghai. From the Entomological Society's collection.

39. Carpocapsa pinguisana.

Fœm. *Fuscescente-cinerea, robusta; palpi subascendentes, caput vix ascendentes, articulo 3o brevissimo; alæ anticæ vix acutæ, nigricante-fuscæ, plagis quatuor costalibus fuscescente-cinereis, puncto discali cinereo; posticæ fuscæ, fimbria pallide cinerea.*

Female. Brownish cinereous, stout. Palpi slightly ascending, hardly extending beyond the head; third joint extremely short. Fore wings hardly acute, overspread with blackish brown, excepting some speckles and costal patches, of which the first is the largest and extends interruptedly to the hinder disk; a cinereous point in the disk beyond the middle; costa straight; exterior border convex, slightly oblique. Hind wings brown; fringe pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. North Hindostan. From Capt. Boyes' collection.

Borneo.

40. Carpocapsa biocellana.

Mas. *Cinerea; palpi nigro trifasciati; alæ anticæ strigulis plurimis transversis fuscis, litura submarginali atra puncta dua chalybæa includente, linea marginali aurata; posticæ fuscæ, fimbria cinerea.*

Male. Cinereous. Palpi slightly ascending, as long as the breadth of the head, with three black bands; third joint conical, not more than one-sixth of the length of the second. Antennæ stout, very slightly serrated towards the tips. Abdomen extending much beyond the hind wings. Fore wings rectangular at the tips, with numerous minute transverse brown streaks; a deep black mark near the fore part of the exterior border containing two chalybeous-blue points; marginal line gilded; costa and exterior border almost straight, the latter hardly oblique. Hind wings brown; fringe cinereous. Length of the body 5 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

41. Carpocapsa complicitana.

Mas. *Cinerea, fusco conspersa, subtus fusca; tibiæ anteriores fusco fasciatæ; alæ anticæ fasciis duabus latis fuscis, fasciis tribus angustis chalybæis cinereo marginatis, lituris costalibus albidis; posticæ fuscæ.*

Male. Cinereous, thickly speckled with brown, brown beneath. Palpi hardly ascending, extending a little beyond the head; second joint slightly fringed; third extremely short. Antennæ stout. Anterior tibiæ with brown bands; posterior tibiæ slightly fringed; spurs long and stout. Fore wings rectangular at the tips, with two broad very irregular brown bands, and with three narrow slightly oblique chalybeous cinereous-bordered bands; first chalybeous band between the two brown bands; some longitudinal black streaks between the second and third chalybeous bands; costa and exterior border slightly convex, the former with small transverse whitish marks. Hind wings brown. Length of the body 4? lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

42. Carpocapsa repletana.

Fœm. *Obscure cervina; abdomen fuscum; alæ anticæ apud marginem interiorem fuscescentes, venis, lineis posticis obliquis fasciaque exteriore lineosa cinereis, spatio marginali nigro-chalybæo lineis transversis atris; posticæ fuscæ.*

Female. Dark fawn-colour, stout, brown beneath. Head wanting. Abdomen brown. Fore wings hardly acute, brownish along the interior border, with cinereous veins and with some parallel cinereous lines, which extend from the middle of the interior border to the outer disk; an exterior band of cinereous lines, which extends slightly outward from the costa to the interior angle; space beyond the band blackish chalybeous, with some deep black irregular transverse lines; costa and exterior border almost straight, the latter slightly oblique. Hind wings brown. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

43. Carpocapsa conficitana.

Fœm. *Nigro-cuprea, subtus albida; palpi albidi, oblique ascendentes, verticem non superantes, articulo 3o parvo; alæ anticæ atomis, strigis costalibus obliquis lineaque marginali abbreviata cinereis; posticæ striga discali lata lutea.*

Female. Blackish cupreous. Body whitish beneath. Palpi whitish, slender, obliquely ascending, not rising higher than the vertex; third joint minute. Antennæ stout. Abdomen extending beyond the hind wings. Fore wings acute, with indistinct cinereous speckles; costa with oblique cinereous streaks; a marginal cinereous line, containing some black points, abbreviated towards the costa. Hind wings with a broad luteous discal streak. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus DICHRORAMPHA.

19. Dichrorampha scitana.

Mas. *Æneo-nigricans; palpi albi; abdomen cinereo fasciatum; alæ fimbria albido-cinerea; anticæ apice subrotundatæ, strigis costalibus transversis strigisque duabus posticis pallide flavis, lituris subcostalibus strigaque submarginali chalybæis.*

Male. Æneous-blackish. Palpi white, porrect, extending a little beyond the head; third joint elongate-conical, less than half the length of the second. Antennæ stout. Abdomen extending somewhat beyond the hind wings, with cinereous bands on the hind borders of the segments. Wings with a whitish cinereous fringe. Fore wings slightly rounded at the tips, with pale yellow transverse streaks along the costa, with two longer pale yellow streaks extending from the disk to the interior border, with a chalybeous streak nearer the exterior border, and with some chalybeous subcostal marks. Length of the body $2\frac{1}{2}$ lines; of the wings $5\frac{1}{2}$ lines.

a, *b*. North America. From Mr. Carter's collection.

Genus 42. ECCOPSIS.

Eccopsis, *Zl.*

1. Eccopsis Wahlbergiana.

South Africa.

Genus 43. GAURIS.

Gauris, *Hb.*—Mietapsichia, *Hb.*

1. Gauris Albertiana.

Albertiana, *Cr.*—Siphona, *Anon.*

a. Para. Presented by G. Graham, Esq.
b—*e*. Ega. From Mr. Bates' collection.
f. Villa Nova. From Mr. Bates' collection.

2. Gauris Fuesliniana.

Fuesliniana, *Cr.*

a, *b*. Para. Presented by J. P. G. Smith, Esq.
c—*e*. Ega. From Mr. Bates' collection.
f, *g*. Para. From Mr. Bates' collection.
h. ——? Presented by E. Doubleday, Esq.
i. Amazon Region. From Mr. Wallace's collection.

3. Gauris Houttuinialis.

Houttuinialis, *Cr.*

a. Para. Presented by J. P. G. Smith, Esq.
b. Honduras. From Mr. Dyson's collection.
c. Honduras. From Mr. Miller's collection.

4. Gauris Klemaniana.

Klemaniana, *Cr.*

Surinam.

5. Gauris Esperiana.

Esperiana, *Cr.*

Surinam.

6. Gauris Hubneriana.

Hubneriana, *Stoll.*

a, *b*. Para. Presented by J. P. G. Smith, Esq.
c. Para. From Mr. Bates' collection.
d, *e*. Ega. From Mr. Bates' collection.
f. Honduras. From Mr. Miller's collection.

7. Gauris? Renaudalis.

Renaudalis, *Stoll.*—Renandana, *Hb.*

Surinam.

8. Gauris Swederiana.

Swederiana, *Stoll.*

a. Para. Presented by G. Graham, Esq.
b. Para. From Mr. Bates' collection.
c. Ega. From Mr. Bates' collection.

9. Gauris gemmisparsana.

Fœm. *Fusca, subtus ochracea; abdominis segmenta aurato fasciata; tarsi albido fasciati; alæ anticæ nigro plagiatæ, cinereo tessellatæ, spatio costali ochraceo, striga basali subcostali strigaque submarginali luteis, fasciis quatuor chalybæis, 1a 2aque interruptis; posticæ ochraceæ, nigro fuscoque variæ, punctis posticis chalybæis micantibus.*

Female. Brown, mostly ochraceous beneath. Palpi smooth, obliquely ascending, not rising higher than the vertex; third joint conical, minute. Antennæ slender. Abdomen with a gilded band on the hind border of each segment. Tarsi with whitish bands. Fore wings acute, with a few black patches; most of the disk tessellated with pale cinereous; costal space more or less ochraceous; a luteous subcostal streak proceeding from the base, and a luteous submarginal streak proceeding from the costa, this streak bordered by two chalybeous streaks, which are united behind it; two interrupted chalybeous bands near the base and one entire exterior chalybeous band; costa and exterior border hardly convex, the latter very slightly oblique. Hind wings ochraceous, varied hindward with black and towards the tip with brown; black part accompanied by brilliant chalybeous dots; a submarginal chalybeous band, abbreviated in front. Length of the body 2—2½ lines; of the wings 5—6 lines.

a—g, Ega. From Mr. Bates' collection.

10. Gauris dulcisana.

Mas. *Nigro-fusca, subtus albida; caput flavescens, fuscescente vittatum; palpi albi; abdomen cupreum; alæ anticæ purpureæ, strigis duabus spatioque exteriore aurato-ochraceis, strigulis punctisque exterioribus nigris, strigulis costalibus obliquis albis, fimbria purpurascente; posticæ aurato-ochraceæ.*

Male. Blackish brown. Body whitish beneath. Head pale yellowish, with an indistinct slender brownish stripe. Palpi white, smooth, slender, not extending so far as the front; third joint lanceolate, nearly as long as the second. Antennæ minutely setulose and pubescent. Abdomen cupreous. Fore wings purple, hardly acute, gilded ochraceous exteriorly; the purple hue extending for less than half the length along the costa and for more than two-thirds of

the length along the interior border; two gilded oblique streaks extending from the disk to the interior border in the purple part; costa almost straight, with five oblique white streaks and one interior oblique gilded streak; ochraceous space with a few black submarginal points and minute oblique streaks; fringe purplish; exterior border slightly convex, hardly oblique. Hind wings gilded ochraceous. Length of the body 1½ line; of the wings 5 lines.

a, *b*. Ega. From Mr. Bates' collection.

11. Gauris plurimana.

Fœm. *Cupreo-fusca; palpi pallide lutei; abdominis segmenta ochraceo fasciata; pedes ochraceo fasciati; alæ anticæ apice rotundatæ, lituris plurimis ochraceis, strigis costalibus obliquis chalybæis, punctis submarginalibus atris; posticæ luteæ, fascia lata submarginali cupreo-fusca strigam transversam ochraceam subapicalem includente.*

Female. Cupreous-brown, stout. Palpi pale luteous, smooth, slender, ascending, not rising higher than the vertex; second joint curved; third lanceolate, almost as long as the second. Abdomen extending a little beyond the hind wings, with an ochraceous band on the hind border of each segment. Tibiæ and tarsi with ochraceous bands. Fore wings rounded at the tips, with very numerous ochraceous marks; these consist of oblique streaks along the borders, and of shorter streaks and of points in the disk; some oblique chalybeous streaks along the costa; a row of deep black submarginal points; costa and exterior border very slightly convex, the latter moderately oblique. Hind wings luteous, with a broad cupreous-brown band, which is nearly contiguous to the ochraceous exterior border, and contains a transverse ochraceous subapical streak. Length of the body 3½ lines; of the wings 9 lines.

a, *b*. Ega. From Mr. Bates' collection.

12. Gauris refluxana.

Fœm. *Nigricante-purpurea; corpus subcinereum; palpi erecti, læves, acuti, verticem non superantes; thorax ochraceo quadrivittatus; alæ anticæ apice rotundatæ, strigulis plurimis transversis aurato-ochraceis, strigis sex costalibus obliquis flavescentibus, costa basi viridescente; posticæ ochraceæ, fascia lata submarginali nigricante-purpurea.*

Female. Blackish purple. Body cinereous beneath. Palpi erect, smooth, acute, not rising higher than the vertex. Thorax with four dull ochraceous stripes. Abdomen extending somewhat beyond the hind wings. Fore wings rounded at the tips, with numerous transverse gilded ochraceous streaks, which are most numerous towards the exterior border; six oblique yellowish streaks along the costa, which has a greenish tinge towards the base; costa and exterior border very slightly convex, the latter hardly oblique. Hind wings ochraceous, with a broad submarginal blackish purple band. Length of the body 4 lines; of the wings 9 lines.

Rio Janeiro. In Mr. Fry's collection.

13. Gauris pulsana.

Fœm. *Purpurascente-nigra; corpus subtus albidum; caput ochraceum; alæ anticæ acutæ, linea transversa basali, strigis tribus exterioribus lineaque submarginali ochraceis, striya 2a interrupta furcata; posticæ ochraceæ, linea submarginali nigro-purpurea.*

Female. Purplish black. Body whitish and shining beneath. Head ochraceous. Palpi lanceolate, smooth, slender, obliquely ascending, much shorter than the breadth of the head; third joint about half the length of the second. Abdomen gilded, hardly extending beyond the hind wings. Fore wings acute, with an ochraceous transverse line near the base, with three exterior ochraceous streaks and with a submarginal ochraceous line; first streak oblique, joining the costa at its inner end; second interrupted, forked at the tip; third recurved at each end, joining the interior border at its outer end; costa and exterior border slightly convex, the latter rather oblique. Hind wings ochraceous, with a purplish black submarginal line. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a, *b*. Ega. From Mr. Bates' collection.
c. Honduras. Presented by H. T. Stainton, Esq.

14. Gauris quadrivittana.

Nigro-purpurea, subtus albida; thorax lineis quatuor punctoque postico ochraceis; abdominis segmenta luteo marginata; alæ anticæ strigis basalibus et submarginalibus, macula costali maculaque discali furcata ochraceis; posticæ nigro-fuscæ, macula discali flava.

Blackish purple, whitish beneath. Thorax with four longitudinal ochraceous lines and with an ochraceous hindward point; inner lines interrupted; outer pair abbreviated. Abdomen extending a little beyond the hind wings; hind borders of the segments luteous. Wings elongate, with a cinereous fringe. Fore wings rectangular at the tips, with some ochraceous streaks near the base, and with a submarginal band of ochraceous streaks; a small ochraceous spot on the middle of the costa, and a larger hindward forked ochraceous spot in the middle of the disk; costa straight; exterior border oblique hindward. Hind wings blackish brown, with a small yellow spot in the middle of the disk. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

Rio Janeiro. In Mr. Fry's collection.

15. Gauris biferana.

Fœm. *Nigricante-fusca; antennæ basi robustæ; alæ anticæ acutæ, ochraceo conspersæ, linea transversa cinerea extus diffusa non obliqua, atomis exterioribus creberrimis ochraceis, linea marginali ochracea nigro marginata apud costam dilatata postice abbreviata, fimbria cuprea; posticæ vittis duabus ochraceis, linea marginali pallide cinerea, fimbria cuprea apice pallide cinerea.*

Female. Blackish brown. Palpi porrect, smooth, slender, much shorter than the breadth of the head; third joint lanceolate, about half the length of the second. Antennæ setulose, stout towards the base. Thorax and fore wings for more than one-third of the length from the base very minutely speckled with ochraceous. Fore wings acute; a cinereous transverse line at a little before the middle, not oblique, concise on the inner side, diffuse on the outer side; exterior space very thickly speckled with ochraceous; marginal line ochraceous, black-bordered, dilated towards the costa, abbreviated hindward; fringe cupreous, glittering; costa and exterior border very slightly convex, the latter slightly oblique. Hind wings with two ochraceous discal stripes; marginal line pale cinereous; fringe glittering cupreous, pale cinereous about the tips of the wings. Length of the body 3 lines; of the wings 8 lines.

a. St. Domingo. From Mr. Tweedie's collection.

16. Gauris bigerana.

Fœm. *Obscure fusca; antennæ dimidio basali incrassato squamoso; alæ anticæ cinereo conspersæ; pectus album; abdominis segmenta cinereo marginata; pedes albo fasciati; alæ linea marginali ochracea; anticæ subfalcatæ, spatio medio atomis cinereis, fascia submarginali ochracea valde angulosa, fimbria antice chalybæa.*

Female. Dark brown. Proboscis very short. Palpi smooth, slender, obliquely ascending, much shorter than the breadth of the head; third joint lanceolate. Antennæ setulose, incrassated with scales for more than half the length from the base. Thorax and fore wings very minutely speckled with cinereous. Abdomen with a cinereous band on the hind border of each segment. Pectus shining white. Legs with white bands. Wings with a marginal ochraceous line. Fore wings acute, subfalcate; middle space thickly speckled with hoary, concisely divided from the basal space; submarginal band ochraceous, very zigzag; fringe chalybeous in front; costa and exterior border hardly convex, the latter very slightly oblique. Length of the body 3 lines; of the wings 8 lines.

a—e. Ega. From Mr. Bates' collection.

17. Gauris canofusana.

Cupreo-nigra; alæ anticæ lineis duabus albis transversis subrectis, plagis duabus exterioribus diffusis albis, macula subapicali furcata lineaque marginali ochraceis, fimbria cinerea.

Allied to *G. bigerana*. Cupreous-black. Fore wings acute, hardly falcate, with two white transverse nearly straight lines; second line in the middle; two exterior diffuse white patches; a forked subapical ochraceous spot; marginal line ochraceous; fringe cinereous. Length of the body 3 lines; of the wings 8 lines.

Amazon Region. In Mr. Saunders' collection.

18. Gauris contrariana.

Fœm. *Obscure fusca; palpi albidi, supra fusci; antennæ albo annulatæ; abdomen subtus albo fasciatum; pedes albo fasciati; alæ anticæ subfalcatæ, cinereo conspersæ, fascia non conspersa, strigis exterioribus lineaque submarginali ochraceis, linea marginali atra, fimbria chalybæa; posticæ linea submarginali pallide cinerea.*

Female. Dark brown. Palpi smooth, slender, obliquely ascending, not rising higher than the vertex, whitish beneath and on the inner side; third joint extremely minute. Antennæ with white rings. Abdomen with white bands on the under side. Legs with white bands. Fore wings acute, subfalcate, with minute cinereous speckles; a middle band without speckles; some irregular longitudinal ochraceous streaks towards the exterior border; submarginal line ochraceous; marginal line deep black; fringe chalybeous; costa and exterior border straight, the latter slightly oblique. Hind wings with a pale cinereous submarginal line. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Para. From Mr. Bates' collection.

19. Gauris velatana.

Mas. *Nigro-fusca; palpi oblique ascendentes, verticem non superantes; alæ anticæ basi fasciaque subcinereis, strigis exterioribus lineaque marginali ochraceis.*

Closely allied to *G. bigerana*. *Male.*—Blackish brown. Palpi smooth, slender, obliquely ascending, not rising higher than the vertex, much shorter than the breadth of the head. Antennæ very minutely setulose. Abdomen not extending beyond the hind wings. Fore wings acute, with a cinereous tinge towards the base, and with a middle band of the same hue; several longitudinal ochraceous streaks in the exterior part; marginal line ochraceous, continued along the apical part of the costa, which is straight; exterior border slightly convex, hardly oblique. Length of the body 3 lines; of the wings 7 lines.

a. Ega. From Mr. Bates' collection.

20. Gauris? transversana.

Mas. *Rufo-fusca; vertex luteus; palpi porrecti; antennæ setosæ; abdomen alas posticas longe superans; alæ anticæ elongatæ, apice rotundatæ, disco basali, macula subcostali strigisque transversis luteis, costa basi subconvexa; posticæ luteæ, margine lato nigricante.*

Male. Reddish brown. Body cinereous beneath. Head luteous between the eyes. Palpi porrect, smooth, extending very little beyond the head; third joint conical, not more than one-fourth of the length of the second. Antennæ densely setose. Abdomen extending much beyond the hind wings. Legs cinereous; each tibia with a brown subapical band; tarsi brown towards the base. Wings elongate. Fore wings rounded at the tips, luteous in the disk towards the base, and with a luteous subcostal spot beyond the middle, and with luteous transverse streaks; these are most regular along the costa, and nearly disappear towards the exterior border; costa slightly convex towards the base; exterior border convex hindward, very slightly excavated in front. Hind wings luteous, with a broad blackish marginal band, which is composed of speckles along the interior border. Length of the body 5 lines; of the wings 14 lines.

a. Venezuela. From Mr. Dyson's collection.

Genus 44. ATTERIA.

Mas. Corpus robustum. Proboscis brevis. Palpi porrecti, squamosi, disjuncti, sat graciles, vix arcuati; articulus 3us linearis, brevissimus, apice rotundatus. Antennæ subsetulosæ. Abdomen alas posticas paullo superans. Pedes breviusculi, sat robusti; tibiæ subfimbriatæ. Alæ anticæ elongatæ, latiusculæ, apice subrotundatæ.

Male. Body stout. Proboscis short. Palpi porrect, squamous, rather slender, hardly curved, apart from each other, as long as the breadth of the head; third joint linear, rounded at the tip, not more than one-sixth of the length of the second. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Legs rather short and stout; tibiæ slightly fringed; spurs moderately long. Wings elongate, rather broad. Fore wings slightly rounded at the tips; costa slightly convex towards the base; exterior border slightly convex, hardly oblique.

1. Atteria strigicinctana.

Mas. *Ochracea; corpus nigrum; caput albo bivittatum; abdominis segmenta ochraceo marginata; pedes albo fasciati; alæ maculis guttisque marginalibus nigris; anticæ costa albida nigro strigata.*

Male. Ochraceous. Body black. Head with two white stripes. Palpi mostly white beneath and on the inner side. Abdomen with pale ochraceous bands on the hind borders of the segments. Legs with white bands. Wings with black spots and dots along the exterior border; these marks are most numerous in the fore wings. Fore wings with short broad transverse black streaks along the costa, which is whitish. Length of the body 6 lines; of the wings 16 lines.

a. Bogota. From Mr. Stevens' collection.

Genus 45. CERACE.

Corpus gracile. Proboscis nulla. Palpi robusti, porrecti, caput perpaullo superantes; articulus 3us brevissimus. Antennæ glabræ, graciles. Abdomen alas posticas non superans. Pedes læves; calcaria longa. Alæ anticæ longæ, apice rotundatæ, costa basi valde convexa, margine exteriore perobliquo.

Body slender. Proboscis obsolete. Palpi stout, porrect, extending very little beyond the head; third joint extremely short. Antennæ smoth, slender. Abdomen not extending beyond the hind wings. Legs smooth, moderately long and stout; hind tibiæ with four long spurs. Wings long. Fore wings rounded at the tips; costa convex and prominent towards the base; exterior border very oblique.

1. Cerace stipatana.

Schistacea, subtus alba; caput album, nigro fasciatum; thorax albo punctatus; abdomen albidum, apicem versus lutescens; alæ anticæ strigulis costalibus transversis punctisque plurimis albis, plaga marginali ochracea; posticæ albæ, vitta costali nigra subtus albo strigata, fascia marginali latissima nigra, subtus albo guttata.

Slaty cinereous, white beneath. Head white, with a black band between the eyes. Thorax with six white points. Abdomen whitish, with a luteous tinge towards the tip. Fore wings with short transverse white streaks along the costa, and with very numerous white points; an ochraceous patch on the exterior border. Hind wings white; costa with a narrow black border, which is transversely white-streaked beneath; exterior margin with a very broad black border, the latter with some white dots on the under side. Length of the body 6—8 lines; of the wings 20—26 lines.

a. Silhet. From Mr. Stainsforth's collection.
b. China. Presented by G. T. Laye, Esq.

2. Cerace onustana.

Mas. *Nigra, subtus lutea; caput albo fasciatum; thorax albo octonotatus; abdomen luteo fasciatum; alæ anticæ strigulis transversis costalibus punctisque plurimis albis; posticæ luteæ, maculis fasciaque marginali nigris.*

Male. Black, luteous beneath. Head with a broad white band. Thorax with four short white stripes and with four white dots, two in front and two hindward. Abdomen with luteous bands; apical tuft small, diverging. Fore wings with very numerous white points, and with white transverse costal streaklets; a deep red discal stripe. Hind wings luteous, with black spots and dots, and with a broad black border. Length of the body 7 lines; of the wings 20 lines.

a. Nepaul. Presented by Major-Gen. Hardwicke.

Genus 46. EUCOSMA.

Eucosma, *Hb.*

1. Eucosma circulana.

circulana, *Hb.*
Pennsylvania.

2. Eucosma Edleriana.

Edleriana, *Cr.*
Surinam.

Genus 47. HOMONA.

Mas. Corpus robustum. Proboscis brevis. Palpi læves, sat graciles, oblique ascendentes, verticem non superantes; articulus 3us conicus, minimus. Antennæ subsetulosæ. Abdomen alas posticas paullo superans; fasciculus apicalis magnus. Pedes robusti; tibiæ posticæ calcaribus quatuor robustis. Alæ anticæ latæ, apice rectangulatæ, costa subconvexa basi quasi inflata, margine interiore basi dilatato squamoso.

Male. Body stout. Proboscis short. Palpi smooth, rather slender, obliquely ascending, not rising so high as the vertex; third joint conical, not more than one-sixth of the length of the second. Antennæ very minutely setulose. Abdomen extending a little beyond the hind wings; apical tuft, large, diverging. Legs stout; hind tibiæ with four stout spurs. Wings rather broad. Fore wings rectangular at the tips; costa slightly convex, with a pouch near the base; exterior border convex and oblique hindward; interior border dilated and squamous towards the base.

1. Homona fasciculana.

Mas. *Cervina; alæ anticæ striga exteriore postica obliqua obscuriore cinereo marginata, striga interiore costali brevi lata obliqua postice atra, striga exteriore costali obscuriore ferrugineo marginata.*

Male. Fawn-colour. Abdomen, hind wings and under side a little paler. Fore wings with an oblique darker streak, which widens from the disk to the apical part of the interior border, and is bordered with cinereous; covering of the pouch darker; a darker streak widening from the middle of the costa to the tip, and bordered with ferruginous; a short broad oblique streak between the first streak and the pouch, deep black hindward. Length of the body 3½ lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 48. RHOBONDA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi porrecti, lanceolati, capitis latitudine non breviores; articulus 3us conicus, parvus. Antennæ pectinatæ, ramulis crassis squamosis

arcte applicatis. Abdomen fasciculo apicali minimo. Pedes validi. Alæ anticæ acutæ, costa subconvexa, margine exteriore vix obliquo.

Male. Body rather stout. Proboscis moderately long. Palpi lanceolate, porrect, as long as the breadth of the head; third joint conical, about one-fourth of the length of the second. Antennæ apparently incrassated, being furnished with short compact squamous thick-set closely applied branches. Abdomen not extending beyond the hind wings; apical tuft very small. Legs stout; spurs stout, moderately long. Fore wings acute; costa and exterior border very slightly convex, the latter hardly oblique.

Allied to *Gauris.*

1. Rhobonda gaurisana.

Mas. *Obscure ochracea; antennæ purpureæ; abdominis segmenta nigro marginata; alæ anticæ disco purpurascente-nigræ, atomis, plaga costali fasciaque exteriore subochraceis, lineis tribus ochraceis, 2a valde undulata, 3a marginali; posticæ ochraceæ, fascia flexa subinterrupta nigra.*

Male. Dull ochraceous. Body yellowish beneath. Antennæ metallic purple. Abdomen with a black band on the hind border of each segment. Legs ochraceous, with black bands. Fore wings purplish black, except towards the base; speckles dull ochraceous, scattered over the wing, and forming by their confluence a costal patch and an exterior band; three bright ochraceous transverse lines; first interior; second most deeply undulating; third marginal; fringe purplish. Hind wings bright ochraceous, with a broad black submarginal band, which is nearly interrupted in the middle, and is there bent and extends to the base; space along the interior border blackish, speckled with ochraceous; fringe cupreous. Length of the body 4 lines; of the wings 10 lines.

a. Rio Janeiro. From Mr. Stevens' collection.

Genus 49. HEMONIA.

Mas et fœm. Corpus robustum. Proboscis brevis. Palpi porrecti, graciles, caput perpaullo superantes; articulus 3us linearis, 2o non brevior. Antennæ maris subpectinatæ, fœm. setulosæ. Thorax squamosus. Abdomen sublineare, alas posticas non superans. Pedes breviusculi, sat validi, calcaribus longis. Alæ anticæ latiusculæ, rotundatæ, costa dilatata.

Male and female. Body stout, smooth. Proboscis short. Palpi slender, smooth, porrect, extending very little beyond the head; third joint linear, as long as the second. Antennæ slightly pectinated in the male, minutely setulose in the female. Thorax squamous; tegulæ short. Abdomen nearly linear, not extending beyond the hind wings. Legs smooth, rather short and stout; hind tibiæ with four long spurs. Wings rather broad. Fore wings much rounded at the tips; costa and exterior border very convex, the former dilated; subcostal vein emitting six oblique well-defined veinlets to the costa; two inferior veins.

1. Heminia orbiferana.

Mas et fœm. *Purpurascente-schistacea; alæ anticæ linea interiore fusca diffusa angulosa indistincta, gutta discali rufescente nigro notata, linea submarginali nigra diffusa arcuata; posticæ maris flavescente-albæ, fœm. albido-cinereæ.*

Male and female. Purplish slaty. Abdomen and hind wings yellowish white in the male, whitish cinereous in the female. Fore wings with a brown diffuse zigzag interior line, which is indistinct in the female and nearly obsolete in the male; a reddish black-marked dot in the exterior disk; a black diffuse curved submarginal line; a chalybeous tinge between this line and the exterior border. Length of the body 3—4 lines; of the wings 8—12 lines.

Borneo.

a. Ceylon. Presented by Dr. Templeton.
b. Ceylon. From M. Nietner's collection.

Genus 50. TOSPITIS.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi porrecti, læves, graciles, brevissimi. Abdomen alas posticas perpaullo superans. Pedes læves, calcaribus longis. Alæ anticæ breviusculæ, latiusculæ, apice rotundatæ, costa basi convexa pubescente.

Female. Body moderately stout. Proboscis short. Palpi smooth, slender, porrect, very short, not extending beyond the head. Antennæ smooth. Abdomen extending very little beyond the hind wings. Legs smooth, moderately long and slender; hind tibiæ with four long spurs. Wings rather broad and short. Fore wings rounded at the tips; costa pubescent and convex towards the base; exterior border slightly convex and oblique.

Type, *T. nulliferana.*

1. Tospitis nulliferana.

Fœm. *Albida; alæ anticæ testaceo subtinctæ, lineis duabus transversis ochraceis angulosis valde indistinctis.*

Female. Whitish. Thorax and fore wings with a slight testaceous tinge. Fore wings with two zigzag very indistinct transverse ochraceous lines. Length of the body 2 lines; of the wings 6 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

2. Tospitis indeclaratana.

Fœm. *Pallide testacea; palpi brevissimi, gracillimi; antennæ breviusculæ; alæ anticæ latiusculæ, subconspersæ, apice subrotundatæ.*

Female. Pale testaceous, rather stout. Palpi porrect, smooth, very short and slender, not extending beyond the head. Antennæ slender, rather short. Wings rather broad. Fore wings slightly rounded at the tips, with very minute and indistinct darker speckles; costa and exterior border straight, the latter slightly oblique. Length of the body 3 lines; of the wings 8 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

3. Tospitis latana.

Fœm. *Alba, robusta; palpi læves, graciles, brevissimi; alæ anticæ apice rotundatæ, fasciis duabus latis purpureis, 1a antice abbreviata, 2a subapicali.*

Female. White, smooth, stout. Palpi smooth, slender, porrect, very short. Abdomen thick, extending a little beyond the hind wings. Fore wings rounded at the tips, with two broad irregular purple bands; first band near the base, abbreviated towards the costa; second subapical, joining the hind part of the exterior border; costa and exterior border slightly convex, the latter very oblique. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Ceylon. Presented by Dr. Templeton.

4. Tospitis aurigena.

Mas. *Aurato-flava; palpi porrecti, graciles, frontem non superantes, articulo 3o parvo; antennæ subpubescentes; thorax purpureus, antice flavus; abdomen albidum; alæ anticæ apice subrotundatæ, fasciis duabus latis purpureis chalybæo marginatis, 1a basali, 2a extus angulosa; posticæ albidæ.*

Male. Bright golden yellow, paler beneath. Palpi porrect, slender, not extending beyond the front; third joint acute, minute. Antennæ stout, very minutely pubescent. Thorax purple, except in front. Abdomen whitish, extending a little beyond the hind wings. Hind wings whitish, with a broad reddish cinereous sometimes nearly obsolete band. Fore wings slightly rounded at the tips, with two broad purple bands, which are bordered with chalybeous-blue; first band basal; second zigzag along its inner side, extending nearly or quite to the exterior border; costa and exterior border slightly convex. Length of the body $3\frac{1}{2}$—4 lines; of the wings 9—10 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

5. Tospitis eburneana.

Mas. *Flavescente-alba; palpi graciles, caput vix superantes, articulo 3o minimo; antennæ subpubescentes; thorax postice purpureus; alæ anticæ apice subrotundatæ, fasciis tribus purpureis, 1a basali, 3a submarginali intus angulata postice angusta.*

Male. Yellowish white. Palpi smooth, slender, porrect, hardly extending beyond the head; third joint very minute. Antennæ minutely pubescent. Thorax purple hindward. Abdomen extending very little beyond the hind wings. Fore wings slightly rounded at the tips, with three purple bands; first band basal; third submarginal, angular on the inner side, narrow hindward; costa and exterior border slightly convex. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a, b. Sarawak, Borneo. From Mr. Wallace's collection.

6. TOSPITIS SIMULANA.

Mas. *Alba ; palpi graciles, ascendentes, verticem non superantes ; antennæ subpubescentes ; abdomen æneo-cinereum ; alæ anticæ apice rotundatæ, fasciis duabus latis purpureis, 1a latissima abbreviata, 2a submarginali extus dilatata ; posticæ æneo-cinereæ.*

Male. White. Palpi smooth, slender, not rising so high as the vertex. Antennæ minutely pubescent. Abdomen and hind wings æneous-cinereous, the latter extending a little beyond the former; apical tuft rather long. Fore wings rounded at the tips, with two broad purple bands; first band very broad, near the base, abbreviated in front; second submarginal, dilated on the outer side; costa and exterior border very slightly convex, the latter very oblique; subcostal vein beneath with some long penicillate hairs. Length of the body 5 lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

7. TOSPITIS DUPLICANA.

Fœm. *Alba; subtus flavescens; palpi graciles, caput non superantes; thorax purpureo fasciatus; alæ anticæ apice rotundatæ, fasciis duabus angustis cupreo-purpureis, 2a sub-undulata.*

Female. Silvery white, pale yellow beneath. Palpi porrect, smooth, slender, not extending beyond the head. Thorax with a broad purple band. Fore wings rounded at the tips, with two narrow cupreous-purple bands; first band at one-third of the length; second beyond two-thirds of the length, very slightly undulating; costa and exterior border very slightly convex, the latter rather oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

8. TOSPITIS GUTTULOSANA.

Mas. *Alba; palpi graciles, porrecti, caput non superantes; antennæ subpubescentes; alæ anticæ apice rotundatæ, maculis, guttis, linea exteriore undulata punctulari punctisque marginalibus nigris; posticæ sordidæ.*

Male. White, dingy beneath. Palpi smooth, slender, porrect, not extending beyond the head. Antennæ very minutely pubescent. Fore wings rounded at the tips, with six black spots, with about the same number of black dots, with an exterior transverse undulating line of black points, and with black marginal points; exterior border slightly convex, rather oblique. Hind wings dingy. Length of the body 4 lines; of the wings 12 lines.

a. North Hindostan. From Mr. James' collection.

9. Tospitis transitana.

Mas. *Pallide flava; palpi porrecti, basi nigricantes; antennæ subpubescentes; abdomen fuscum; alæ anticæ apice subrotundatæ, macula basali fasciisque duabus fuscis; posticæ fusco marginatæ.*

Male. Pale yellow. Palpi porrect, blackish towards the base, extending beyond the head; third joint lanceolate, shorter than the second. Antennæ very minutely pubescent. Abdomen brown. Fore wings slightly rounded at the tips, with a brown basal spot and with two brown bands, which converge slightly hindward; second band continued along the interior border to the interior angle; exterior border slightly convex, moderately oblique. Hind wings with a brown marginal band, which extends over the fringe and is broadest exteriorly; fringe pale yellow at the tip of the wing. Length of the body $2\frac{3}{4}$ lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.
b. Moreton Bay. From Mr. Damel's colltction.

10. Tospitis inconspicua.

Fœm. *Cervina, fusco conspersa; caput antice fuscum; thorax fusco fasciatus; alæ anticæ fasciis duabus fuscis, 1a basali, 2a obliqua, puncto postico nigro.*

Female. Fawn-colour, minutely brown-speckled. Head dark brown in front. Antennæ minutely setulose. Thorax with a broad brown band. Abdomen not extending beyond the hind wings. Fore wings slightly rounded at the tips, with two brown bands; first band basal; second oblique, approaching the base hindward, near the exterior side of a black basal point; costa and exterior border slightly convex, the latter moderately oblique. Hind wings not speckled. Length of the body 3 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

11. Tospitis fusipennana.

Fœm. *Albido-testacea; alæ anticæ fusiformes, plaga postica elliptica nigricante cervino marginata.*

Female. Whitish testaceous. Palpi porrect, very short and slender, not extending beyond the head. Antennæ minutely pubescent. Abdomen extending a little beyond the hind wings. Fore wings fusiform, much rounded at the tips, with an elliptical blackish patch, which is near the interior border and is bordered with fawn-colour; costa slightly convex; exterior border extremely oblique. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

12. Tospitis punctana.

Mas. *Testacea; palpi caput superantes, articulo 3o longi-conico; antennæ setulosæ; alæ anticæ apice subrotundatæ, disco pallide cervino, gutta discali fusca; posticæ albido-cinereæ.*

Male. Testaceous. Body whitish testaceous. Palpi extending beyond the head; third joint elongate-conical, shorter than the second. Antennæ minutely setulose. Fore wings slightly rounded at the tips; disk mostly pale fawn-colour; discal dot dark brown; costa and exterior border convex, the latter rather oblique. Hind wings whitish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ceylon. Presented by Dr. Templeton.

13. Tospitis decubitana.

Mas. *Pallide lutea, subtus albida; palpi brevissimi; antennæ setulosæ; alæ anticæ ochraceo subconspersæ, puncto discali nigricante, fascia exteriore arcuata fuscescente.*

Male. Pale luteous, whitish beneath. Palpi very short. Antennæ setulose. Abdomen whitish, extending a little beyond the hind wings; apical tuft rather long. Fore wings somewhat rounded at the tips, minutely and indistinctly ochraceous-speckled, with a blackish discal point beyond the middle, and with a more exterior outward-curved brownish band; costa and exterior border slightly

convex, the latter very oblique. Hind wings whitish. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Group N.

Fœm. Corpus robustum. Proboscis mediocris. Palpi brevissimi. Antennæ nudæ. Alæ anticæ latiusculæ, subelongatæ, apice rectangulatæ.

Female. Body stout, smooth. Proboscis moderately long. Palpi slender, extremely short, not extending near to the front of the head. Antennæ bare. Thorax squamous; tegulæ very short. Abdomen not extending beyond the hind wings. Legs smooth, moderately long and stout; hind tibiæ with four very long spurs. Wings rather broad, slightly elongate. Fore wings rectangular at the tips; costa and exterior border very slightly convex, the latter rather oblique; veins with the ordinary structure.

14. Tospitis subaurana.

Fœm. *Pallide straminea, subaurata; abdomen albidum; alæ anticæ strigis duabus obliquis cervinis extus connexis, 2a arcuata; abdomen albidum.*

Female. Pale straw-colour, slightly gilded. Abdomen and hind wings whitish. Fore wings with two oblique fawn-coloured streaks, which are connected exteriorly; hind streak much longer than the other one, partly contiguous to the interior border, curved to the disk near the base. Length of the body 3 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

15. Tospitis absconditana.

Fœm. *Pallide lutea; alæ anticæ breviusculæ, latiusculæ, apice rotundatæ, basi cinereæ, nigro subconspersæ, vitta subcostali lata cinerea extus fuscescente et flexa; posticæ albido-cinereæ.*

Female. Pale luteous, stout. Antennæ stout, smooth. Abdomen extending a little beyond the hind wings. Wings rather

short and broad. Fore wings rounded at the tips, with a few minute black speckles, cinereous at the base, and with a broad subcostal cinereous stripe, which is brownish and bent hindward exteriorly and extends to the interior angle; costa slightly convex; exterior border very slightly excavated in front. Hind wings whitish cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. ——— ?

16. Tospitis? quinqueferana.

Mas. *Pallide testacea; palpi porrecti, brevissimi, gracillimi; alæ anticæ apice rotundatæ, gutta una discali, duabus costalibus, una apicali unaque marginali nigris.*

Male. Pale testaceous. Palpi porrect, smooth, very short and slender, not extending beyond the head. Antennæ very minutely setulose. Abdomen and hind wings whitish, with a very slight testaceous tinge. Fore wings rounded at the tips, with five black dots towards the tips; one dot in the disk, two costal, one apical, and one on the exterior border; costa straight; exterior border slightly convex, very oblique. Length of the body 2 lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

17. Tospitis? humerana.

Mas. *Pallidissime cervina; palpi ascendentes, articulo 2o piloso, 3o lanceolato; antennæ pubescentes; thorax fusco fasciatus; alæ anticæ extus angustiores, apice rotundatæ, basi fasciaque valde diffusa atomisque fuscis; costa basi valde convexa; posticæ cinereæ.*

Male. Very pale fawn-colour. Palpi obliquely ascending, not rising higher than the vertex; second joint pilose; third lanceolate, as long as the second. Antennæ minutely pubescent. Thorax with a brown band. Abdomen white, shining, extending much beyond the hind wings; apical tuft smooth, slightly compressed. Fore wings narrower exteriorly, rounded at the tips, very minutely speckled with brown, brown at the base, and with a very diffuse brown band, which is dilated on the costa before the middle and is obsolete hindward; costa very convex towards the base; exterior

border slightly convex and oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

This species has some resemblance to *Cryptolechia*.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 51. GIAURA.

Fœm. Corpus crassum. Proboscis brevis. Palpi læves, oblique ascendentes, verticem vix superantes; articulus 3us linearis, apice rotundatus, 2i dimidio vix brevior. Antennæ sat robustæ. Abdomen alas posticas non superans. Pedes læves, vix robusti; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ latæ, apice rectangulatæ, costa margineque exteriore convexis; posticæ apud marginem interiorem dilatatæ plicatæ fasciculatæ.

Female. Body thick. Proboscis short. Palpi smooth, moderately stout, obliquely ascending, hardly rising higher than the vertex; third joint linear, rounded at the tip, nearly half the length of the second. Antennæ rather stout. Abdomen not extending beyond the hind wings. Legs smooth, hardly stout; hind tibiæ with four very long spurs. Fore wings broad, rectangular at the tips; costa and exterior border convex, the latter slightly oblique. Hind wings dilated, folded and tufted about the interior border.

1. Giaura repletana.

Fœm. *Cinerea, subtus alba; caput et thorax fusco conspersa; alæ anticæ fusco subconspersæ et subnebulosæ, spatio basali obscuriore squamis nonnullis nigris, linea submarginali fuscescente denticulata, punctis marginalibus nigricantibus, plaga apud marginem interiorem alba; posticæ albæ, apice fuscæ.*

Female. Cinereous. Body beneath, abdomen and legs white. Head and thorax with brown speckles. Fore wings partly and slightly clouded and speckled with brown; basal part darker brown, with some black speckles; submarginal line brownish, denticulated; marginal points blackish; a large white patch on the interior border. Hind wings white, brown about the tips. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. ——— ? Presented by E. Doubleday, Esq.

Genus 52. CABARDA.

Mas. Corpus robustum. Palpi graciles, porrecti, caput non superantes; articulus 3us brevissimus. Antennæ setulosæ, subpubescentes. Abdomen alas posticas superans, dimidio apicali dense vestito. Alæ anticæ apice rotundatæ, costa subconvexa, margine exteriore sat obliquo.

Male. Body stout. Palpi slender, porrect, not extending beyond the head; third joint extremely short. Antennæ setulose, very minutely pubescent. Abdomen extending beyond the hind wings; apical half densely clothed. Fore wings rounded at the tips; costa and exterior border slightly convex, the latter rather oblique.

1. Cabarda molliculana.

Mas. *Albida; abdomen dimidio apicali fusco; alæ anticæ fasciis quinque ochraceis indeterminatis macularibus aut guttularibus, punctis marginalibus ochraceis elongatis.*

Male. Whitish. Abdomen with the apical half brown. Fore wings with five very irregular bands, composed of ochraceous spots and dots of various size and shape; marginal points ochraceous, elongated. Length of the body 4 lines; of the wings 10 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

Genus 53. SAMCOVA.

Mas. Corpus robustum. Fasciculus frontalis productus. Palpi læves, sat graciles, oblique ascendentes, capitis latitudine longiores; articulus 3us linearis, elongatus. Antennæ læves, graciles. Abdomen alas posticas paullo superans, fasciculis tribus apicalibus. Pedes læves, tarsis posterioribus basi tibiisque posterioribus fimbriatis. Alæ anticæ acutæ, vix falcatæ, basi quasi inflatæ, costa basi subconvexa, margine exteriore postico obliquo.

Male. Body stout. Frontal tuft prominent. Proboscis short. Palpi smooth, rather slender, obliquely ascending, longer than the breadth of the head; third joint linear, rounded at the tip, much more slender than the second, and less than one-third of its length. Antennæ smooth, slender. Abdomen extending a little beyond the hind wings, with one dorsal and two lateral tufts at the tip. Legs smooth, moderately long and stout; posterior tarsi towards the base

and posterior tibiæ fringed; hind tibiæ with four long spurs. Wings elongate. Fore wings acute, hardly falcate; costa almost straight, very slightly convex towards the base, where there is a pouch; exterior border not oblique in front, moderately oblique hindward.

1. Samcova incensana.

Mas. *Ochraceo-rufa, subtus cinereo-purpurea; thorax et abdomen purpurascentia, hoc apice ochraceo-rufum; alæ anticæ basi fasciaque latissima subundulata purpurascentibus, hac antice albo marginata; posticæ cinereo-purpureæ, macula discali magna nigra, plaga postica ochracea strigam albam obliquam includente.*

Male. Ochraceous-red, mostly cinereous-purple beneath. Palpi dark purplish red. Thorax and abdomen purplish; tip of the latter ochraceous-red. Wings with metallic lustre. Fore wings purplish at the base, and with a very broad slightly undulating purplish band, which is bordered with white in front, and through which the ground hue is apparent; veins blackish; fringe purplish. Hind wings cinereous-purple, with a large black discal spot, and with an ochraceous patch extending along the hind part of the exterior border, and containing an oblique white streak. Length of the body 7—7½ lines; of the wings 18—19 lines.

a, b. Ega. From Mr. Bates' collection.
c. Tapayos. From Mr. Bates' collection.
d. Villa Nova. From Mr. Bates' collection.

Genus 54. TORDA.

Mas. Corpus robustum. Proboscis brevis, gracilis. Palpi porrecti, læves, sat graciles, capitis latitudine multo breviores; articulus 3us brevissimus. Antennæ læves, graciles. Abdomen alas posticas non superans, fasciculis tribus apicalibus. Alæ anticæ subfalcatæ, basi quasi inflatæ, costa basi subconvexa, margine exteriore antico vix excavato.

Male. Body stout. Proboscis short, slender. Palpi porrect, smooth, rather slender, very much shorter than the breadth of the head; third joint conical, very minute, not more than one-sixth of the length of the second. Antennæ smooth, slender. Abdomen not extending beyond the hind wings, with three apical tufts, one dorsal, the other two lateral. Legs stout; spurs moderately long. Fore

wings acute, subfalcate; costa straight, very slightly convex towards the base, where there is a pouch; exterior border slightly convex and oblique, hardly excavated in front.

1. Torda penicillana.

Mas. *Cinerea; alæ anticæ ochraceo-rufæ, basi fasciaque lata obliqua purpurascente-cinereis, lineis duabus albis, 1a recta, 2a undulata, fasciculo subtus atro; posticæ fuscescente-cinereæ, striga postica lata rufa.*

Male. Cinereous. Lateral tufts of the abdomen red; dorsal tuft black. Wings tinged with metallic lustre. Fore wings ochraceous-red, purplish cinereous at the base, with a broad oblique purplish cinereous band, through which the ground hue is apparent; this line is bordered by two white lines; first line straight, more distinct than the exterior one, which is undulating; under side with a deep black penicillate tuft in the disk near the base. Hind wings brownish cinereous, with a broad red streak, which extends from the disk to the hind part of the exterior border; fringe reddish, tipped with cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Para. From Mr. Bates collection.

2. Torda dilatatana.

Fœm. *Rufescente-cervina; palpi apice nigri; pectus et abdomen argenteo-cinerea; tibiæ et tarsorum articuli apice nigra; alæ anticæ ex parte pallidiores, atomis nonnullis nigris, fascia purpurascente lineaque marginali ferrugineis, strigula costali subapicali albida interrupta; posticæ pallide luteæ, plaga apicali diffusa fuscescente, punctis marginalibus cervinis.*

Female. Reddish fawn-colour, rather stout. Frontal tuft prominent. Proboscis stout. Palpi porrect, slender, smooth, shorter than the breadth of the head; third joint black, elongate-conical, less than one-fourth of the length of the second. Antennæ smooth. Pectus and abdomen silvery cinereous, the latter not extending beyond the hind wings. Legs stout; tips of the tibiæ and of the joints of the tarsi black; tibiæ slightly fringed; hind tibiæ with four long spurs. Wings broad. Fore wings rectangular at the tips, here and there paler; a pouch near the base of the costa, partly covered by a squamous fringe; a few black speckles and a narrow pale purple marginal band, the latter accompanied by a ferruginous line; a whitish short oblique interrupted streak near the tip of the

costa; costa convex, oblique exteriorly; exterior border very slightly convex and oblique. Hind wings pale luteous, with fawn-coloured marginal points; a diffuse brownish apical patch; costa very convex towards the base. Length of the body 5 lines; of the wings 13 lines.

a. Villa Nova. From Mr. Bates' collection.

3. Torda altana.

Fœm. *Lateritia, nitens, subtus cinerea; abdomen cinereum; alæ anticæ falcatæ, macula subcostali obliqua vitrea, costa basi convexa extus cervina recta; posticæ cinereo-fuscæ, angulo interiore fimbriaque rufis.*

Female. Brick-red, shining, mostly cinereous beneath. Frontal tuft prominent. Palpi obliquely ascending; third joint conical, very minute, not more than one-sixth of the length of the second. Abdomen cinereous. Fore wings falcate, with a small ascending tuft in the disk near the base; an oblique exterior subcostal vitreous spot, which is somewhat contracted in the middle; costa convex towards the base, straight and fawn-coloured exteriorly, prominent at the tip; exterior border very slightly convex and oblique. Hind wings cinereous-brown; interior angle and fringe red. Length of the body 6 lines; of the wings 16 lines.

This may be a variety of *T. vitriferana*.

a. Ega. From Mr. Bates' collection.

4. Torda propriana.

Fœm. *Cinereo-rufa, subtus cinerea; abdomen cinereum; alæ anticæ vix falcatæ, nigro subconspersæ, lineis interiore et exteriore rufis angulosis, striga intermedia discali lata obliqua rufa; posticæ æneo-fuscæ.*

Female. Cinereous-red, cinereous beneath. Frontal tuft prominent. Palpi obliquely ascending, straight; third joint elongate-conical, not more than one-fourth of the length of the second. Abdomen cinereous. Fore wings acute, hardly falcate, thinly speckled with black; interior and exterior lines red, the first forming four angles, the second zigzag; a broad oblique red discal streak; costa straight, convex towards the base; exterior border very slightly convex, slightly oblique. Hind wings æneous-brown. Length of the body 6 lines; of the wings 20 lines.

a. Ega. From Mr. Bates' collection.

5. Torda concolorana.

Fœm. *Cinereo-cervina ; abdomen subochraceum ; alæ linea exteriore obscuriore indistincta subundulata subdentata ; anticæ falcatæ, fusco conspersæ, costa basi valde convexa extus subexcavata ; posticæ vix pallidiores.*

Female. Cinereous fawn-colour. Abdomen dull ochraceous. Wings with a darker indistinct slightly undulating and dentate exterior line. Fore wings falcate, very minutely speckled with brown; costa very convex near the base, slightly excavated exteriorly; exterior border convex, hardly oblique. Hind wings hardly paler than the fore wings. Length of the body 7 lines; of the wings 20 lines.

a. ——? From Mr. Children's collection.

6. Torda? Renselariana.

Renselariana, *Cr.*

Surinam.

Genus 55. ARICA.

Fœm. Corpus robustum. Palpi porrecti, fimbriati, disjuncti, capitis latitudine paullo breviores; articulus 3us longi-conicus, 2i dimidio brevior. Alæ anticæ apice rectangulatæ, costæ dimidio basali dilatato convexo subreflexo, bursa fimbriata.

Female. Body stout. Palpi porrect, remote from each other, a little shorter than the breadth of the head; second joint with a short thick fringe; third elongate-conical, less than half the length of the second. Fore wings rectangular at the tips; costa dilated, convex and slightly reflexed for more than half the length from the base, near which there is a fringed pouch; exterior border straight, hardly oblique; interior border convex, slightly fringed.

1. Arica Pelopsana.

Fœm. *Rufescente-cervina ; alæ anticæ bursa chalybæo tincta ; posticæ pallide ochraceæ.*

Female. Reddish fawn-colour. Abdomen, hind wings and under side pale gilded ochraceous. Fore wings with a chalybeous tinge on the pouch. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

Genus 56. SANGUESA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi læves, sat graciles, oblique ascendentes, verticem vix superantes; articulus 3us conicus, minimus. Antennæ graciles. Abdomen breviusculum; fasciculus apicalis parvus. Pedes læves, sat robusti. Alæ anticæ latæ, apice rectangulatæ, margine exteriore subconvexo subobliquo; posticæ abdomen superantes, margine exteriore postico subtruncato, margine interiore subdilatato subplicato.

Male. Body rather stout. Proboscis of moderate length. Palpi smooth, rather slender, obliquely ascending, hardly rising higher than the vertex; third joint conical, not more than one-sixth of the length of the second. Antennæ smooth, slender. Abdomen rather short; apical tuft small. Legs smooth, rather stout; hind tibiæ with four moderately long spurs. Wings broad. Fore wings rectangular at the tips, with a pouch at the base of the costa; costa slightly convex, straight exteriorly; exterior border slightly convex and oblique. Hind wings extending beyond the abdomen, with the exterior border slightly truncated hindward; interior border slightly dilated and folded.

1. Sanguesa cosmiana.

Mas. *Lateritia; subtus pallide ochracea; abdomen rufescente-cinereum; alæ anticæ nigro conspersæ, macula exteriore costali trigona alba, linea submarginali e lunulis pallide cinereis nigro punctatis, linea marginali nigricante, fasciculo subtus parvo atro; posticæ subluteæ, margine diffuso fuscescente vix interlineato.*

Male. Brick-red, mostly pale ochraceous beneath. Abdomen reddish cinereous. Thorax and fore wings very minutely speckled with black; a white triangular costal spot beyond two-thirds of the length; submarginal line pale cinereous, curved, composed of lunules, accompanied by black points; marginal line blackish; tuft near the base beneath deep black. Hind wings dull luteous, with a diffuse brownish border, which is broadest about the tips, and is indistinctly and incompletely interlined, and disappears towards the interior angle. Length of the body 4 lines; of the wings 12 lines.

a. Ega. From Mr. Bates' collection.

Genus 57. RUCUMA.

Fœm. Corpus robustum. Fasciculus frontalis porrectus. Palpi oblique ascendentes, verticem non superantes; articulus 3us brevissimus. Alæ anticæ subfalcatæ, costa basi convexa reflexa extus incurva, margine exteriore recto non obliquo.

Female. Body robust. Frontal tuft prominent. Palpi obliquely ascending, not rising higher than the vertex; third joint less than one-sixth of the length of the second. Fore wings subfalcate; costa convex and reflexed along the basal half, curved inward exteriorly; exterior border straight, except at the tip, not oblique.

1. Rucuma recurvana.

Fœm. *Cervina, subtus ochracea; alæ anticæ subconspersæ, linea obliqua postica fusca; posticæ ochraceæ.*

Female. Fawn-colour, ochraceous beneath. Fore wings indistinctly speckled, with a brown line, which extends from two-thirds of the length of the interior border to the disk. Hind wings ochraceous. Length of the body 5 lines; of the wings 16 lines.

a. Brazil. From Mr. Wallace's collection.

2. Rucuma vacuana.

Mas. *Rufescens, gracilis; palpi oblique ascendentes, articulo 2o fimbriato, 3o brevissimo; alæ anticæ subfalcatæ, linea exteriore nigricante subflexa; posticæ cinereæ, striga diffusa rufa.*

Male. Reddish, slender, cinereous beneath. Palpi obliquely ascending, as long as the breadth of the head; second joint fringed above; third very short. Antennæ smooth, slender. Abdomen not extending beyond the hind wings; apical tuft quadrate. Fore wings subfalcate, with an inflated pouch along the basal part of the costa; an exterior blackish transverse slightly bent line, which is continued across the hind wings; costa convex towards the base, excavated exteriorly; exterior border slightly angular in the middle, oblique hindward; fringe cinereous, red about the angle. Hind wings cinereous, with a diffuse red streak extending from the disk to the

angle of the exterior border. Length of the body 4 lines; of the wings 10 lines.

a. Venezuela. From Mr. Dyson's collection.

Genus 58. UZEDA.

Mas et fæm. Corpus robustum. Proboscis conspicua. Palpi obtusi, oblique ascendentes, capitis latitudine breviores; articulus 3us brevissimus. Antennæ glabræ. Abdomen alas posticas non superans. Pedes robusti, longiusculi; tibiæ fimbriatæ. Alæ anticæ sæpissime falcatæ, litura vitrea, costa dilatata et excavata.

Male and female. Body stout. Frontal tuft prominent. Proboscis distinct. Palpi obliquely ascending, obtuse, shorter than the breadth of the head; third joint extremely short. Abdomen not extending beyond the hind wings. Legs stout, rather long; tibiæ fringed; spurs long. Wings ample. Fore wings generally falcate, often with a vitreous mark; costa often gibbous towards the base, excavated exteriorly; exterior border slightly convex, hardly or slightly oblique.

Type, *N. vitriferana.*

1. UZEDA VITRIFERANA.

Fœm. *Subchalybæo-rufescens, subtus fusca; abdomen subtestaceum; alæ anticæ falcatæ, nigro conspersæ, costa exteriore pallidiore, lineis duabus diffusis nigris, 1a undulata, 2a denticulata, macula intermedia subcostali obliqua vitrea, costa basi gibbosa extus excavata; posticæ æneo-fuscæ.*

Female. Reddish, with a slight chalybeous gloss, mostly brown beneath. Abdomen dull testaceous. Fore wings falcate, tinged with chalybeous, speckled with black, paler along the exterior part of the costa; two diffuse black lines, the first undulating, the second denticulated; a large intermediate oblique subcostal vitreous spot, with some nearly erect scales along its inner side; a small tuft of erect scales in the fore part of the disk near the base; costa gibbous towards the base, excavated exteriorly; exterior border slightly convex, not oblique. Hind wings æneous-brown. Length of the body 7—8 lines; of the wings 18—20 lines.

a—*d*. Ega. From Mr. Bates' collection.

2. Uzeda torquetana.

Fœm. *Cervina; abdomen subochraceum; alæ anticæ falcatæ, rufescente subtinctæ, fusco conspersæ, lineis duabus transversis indistinctis undulatis, macula intermedia subcostali vitrea, costa basi gibbosa extus excavata subtus fasciculata; posticæ pallidiores.*

Female. Fawn-colour. Abdomen pale dull ochraceous. Wings ample. Fore wings falcate, partly tinged with dull red, minutely speckled with brown; interior and exterior lines indistinct, undulating, a little darker than the ground hue; an intermediate vitreous elliptical longitudinal subcostal spot; costa tufted beneath, gibbous towards the base, excavated exteriorly, very prominent at the tip; exterior border convex, slightly oblique. Hind wings paler. Length of the body 6 lines; of the wings 18 lines.

a. Rio Janeiro. From Mr. Stevens' collection.

3. Uzeda olivaceana.

Fœm. *Olivacea, subtus pallide cinerea; abdomen cinereum; alæ anticæ falcatæ, lineis duabus transversis nigris, 1a undulata, 2a subrecta antice abbreviata, macula intermedia vitrea subovali obliqua subcostali, fimbria obscure cinerea antice alba, lituris costalibus albidis, costa undulata; posticæ pallide cinereo-cervinæ.*

Female. Olive-green, mostly pale cinereous beneath. Palpi slender, not rising so high as the vertex; third joint elongate-conical, less than half the length of the second. Abdomen cinereous. Fore wings falcate, with two slender transverse black lines; interior line undulating, more slight than the exterior one, which is nearly straight and does not extend to the costa; an oblique vitreous subcostal nearly oval spot between the lines; fringe dark cinereous, white in front; a subcostal tuft near the base on the under side; some whitish marks along the costa; the latter undulating, or with three protuberances, the intermediate parts excavated; exterior border convex in the middle, excavated in front. Hind wings pale cinereous fawn-colour, pale yellowish cinereous in front; under side with a fawn-coloured pilose discal streak. Length of the body 6 lines; of the wings 18 lines.

Brazil. In Mr. Saunders' collection.

4. Uzeda gibbosana.

Fœm. *Rufescens, subtus cinerea; abdomen subochraceum; alæ anticæ falcatæ, nigro conspersæ, linea interiore nigricante indistincta undulata, linea exteriore lata recta subobliqua saturate rufa antice attenuata, macula subcostali vitrea, striga discali saturate rufa, costa extus valde truncata, margine exteriore antice subexcavato postice perobliquo.*

Female. Reddish, mostly cinereous beneath. Palpi slender, nearly erect, rising as high as the vertex; third joint elongate-conical, full one-fourth of the length of the second. Abdomen pale dull ochraceous. Fore wings falcate, tinged with chalybeous, here and there cinereous, with some black speckles; interior line blackish, slight, indistinct, undulating; exterior line dark red, broad, straight, slightly oblique, attenuated in front, obsolete towards the costa; an intermediate subcostal vitreous spot partly covered by an obliquely ascending tuft of scales, bordered on the hinder side by a dark red streak, which joins the exterior line; an obliquely ascending ferruginous tuft in the disk near the base; a yellowish patch along the fore part of the exterior border; exterior part of the costa much truncated; exterior border slightly excavated in front, extremely oblique hindward. Hind wings æneous-brown. Length of the body $5\frac{1}{2}$—6 lines; of the wings 14—16 lines.

a. Ega. From Mr. Bates' collection.
b. Villa Nova. From Mr. Bates' collection.

5. Uzeda flammeana.

flammeana, *Anon.*

Surinam.

Genus 59. CATADUPA.

Mas. Corpus sat robustum. Proboscis nulla. Palpi validi, pubescentes, angulati, capitis latitudine longiores; articulus 2us suberectus; 3us porrectus, longi-conicus, 2i triente non longior. Antennæ graciles, subpubescentes. Pedes tarsis posticis basi tibiisque posterioribus late fimbriatis. Alæ anticæ subelongatæ, apice subrectangulatæ, costa basi dilatata et fimbriata spatio medio subexcavata.

Male. Body moderately stout. Proboscis obsolete. Palpi stout, pubescent, nearly erect, longer than the breadth of the head,

rising above the vertex; third joint elongate-conical, somewhat porrect, not one-third of the length of the second, with which it forms an obtuse angle. Antennæ slender, very minutely pubescent. Legs moderately long and stout; posterior tibiæ densely and broadly fringed; hind metatarsi with a long dense fringe. Wings slightly elongate, moderately broad. Fore wings nearly rectangular at the tips; costa dilated and fringed towards the base, slightly excavated in the middle part, slightly convex towards the tip; exterior border almost straight, slightly oblique.

1. Catadupa integrana.

Mas. *Ochracea; caput flavescens; palpi apice fusci; pedes rufo-fusci, tarsis posticis albis; alæ anticæ fascia media lata rufescente albido marginata, fimbria alba.*

Male. Ochraceous. Head and palpi yellowish, the latter brown above at the tips. Legs reddish brown; hind tarsi white, except the metatarsus. Wings with a black line on the base of the fringe. Fore wings with a broad reddish middle band, which is bounded by two undulating whitish lines; fringe white, except towards the interior angle. Hind wings rather paler than the fore wings. Length of the body 3? lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

Genus 60. CORYBISSA.

Fœm. Corpus læve, sat robustum. Proboscis conspicua. Palpi porrecti, læves, graciles, caput paullo superantes; articulus 3us longi-conicus, 2i dimidio non longior. Antennæ graciles. Abdomen alas posticas non superans. Pedes læves, sat validi; calcaria longa. Alæ anticæ amplæ, subfalcatæ, costa dimidio antico subconvexo.

Female. Body smooth, rather stout. Proboscis distinct. Palpi porrect, smooth, slender, extending a little beyond the head; third joint elongate-conical, not more than half the length of the second. Antennæ smooth, slender. Abdomen not extending beyond the hind wings. Legs smooth, rather stout; hind tibiæ with four long spurs. Wings ample. Fore wings subfalcate, rounded at the tips; costa slightly convex for half the length from the base; exterior border slightly convex and oblique.

1. Corybissa congruana.

Fœm. *Saturate rufa, nitens; abdomen nigricante-cinereum; alæ anticæ nigro subconspersæ; posticæ nigricante-cinereæ, plaga postica rufescente.*

Female. Dark red, shining, dark cinereous beneath. Abdomen and hind wings dark cinereous. Fore wings minutely speckled with black. Hind wings with the fringe reddish in front, and with a reddish patch on the angle of the exterior border. Length of the body 7 lines; of the wings 16 lines.

a. Ega. From Mr. Bates' collection.

Genus 61. SALOBRENA.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi porrecti, graciles, brevissimi, caput non superantes; articulus 3us minimus. Antennæ graciles. Abdomen alas posticas non superans. Pedes vix robusti; tibiæ posticæ latæ, fimbriatæ; tarsi postici basi fasciculati. Alæ anticæ apice rotundatæ, costa basi dilatata reflexa, incisuris duabus costalibus exterioribus, margine exteriore antico subexcavato.

Female. Body moderately stout. Proboscis short. Palpi porrect, slender, very short, not extending beyond the head; third joint extremely short. Antennæ smooth, slender. Abdomen not extending beyond the hind wings. Legs hardly stout; hind tibiæ broad, fringed, with four long spurs; hind tarsi tufted at the base. Fore wings rounded at the tips; costa dilated towards the base, forming a squamous pouch; two exterior costal notches; exterior border very slightly excavated in front, moderately oblique hindward.

1. Salobrena excisana.

Fœm. *Cinereo-rufescens; alæ anticæ extus cinereæ, lineis quatuor transversis e squamis nigris, 1a 2aque latiusculis, 3a 4aque angustis denticulatis, punctis marginalibus pallide cinereis, litura apud marginem interiorem alba, fimbria nigro unimaculata; posticæ fuscescente-cinereæ.*

Female. Cinereous-reddish, darker beneath. Abdomen and hind wings brownish cinereous. Fore wings mostly cinereous exte-

riorly, with four transverse lines composed of black speckles; first and second rather broad and diffuse; third and fourth slender, denticulated; marginal points pale cinereous; a blackish spot on the middle of the fringe; a white transverse mark on the interior border by the inner side of the first line. Length of the body 3 lines; of the wings 9 lines.

a. Ega. From Mr. Bates' collection.

Genus 62. TOSALE.

Fœm. Corpus robustum. Proboscis brevis. Palpi validi, oblique ascendentes, verticem non superantes, articulo 3o obtuso, brevissimo. Antennæ glabræ, graciles. Abdomen attenuatum, alas posticas superans. Pedes læves, tarsis mediis basi tibiisque mediis dense fimbriatis. Alæ anticæ latiusculæ, apice subrotundatæ, bursa subcostali munitæ.

Female. Body stout. Proboscis short. Palpi stout, obliquely ascending, not rising higher than the vertex; third joint obtuse, very short. Antennæ smooth, slender. Abdomen tapering, extending rather beyond the hind wings. Legs smooth, moderately stout; middle tarsi towards the base and middle tibiæ densely fringed; hind tibiæ with four long spurs. Wings rather broad. Fore wings slightly rounded at the tips, with a pouch or cyst along the basal part of the costa, which is straight; exterior border slightly convex and oblique.

1. TOSALE PYRALIOIDES.

Fœm. *Ferrugineo-rufa; alæ anticæ fascia lata media cinereo-rufa lineis duabus undulatis cinereis marginata maculam nigram includente, disco subtus atro; posticæ fuscescente-cinereæ, disco atro.*

Female. Ferruginous-red. Abdomen and under side brownish cinereous. Fore wings with a broad middle cinereous-red band, which is bounded by two undulating cinereous lines and contains a black spot; marginal line black; under side with a deep black disk. Hind wings brownish cinereous, with a deep black disk; under side with a curved cinereous line. Length of the body 4 lines; of the wings 10 lines.

Brazil. In Mr. Saunders' collection.

Genus 63. ARGUA.

Mas. Corpus cylindricum, sat robustum. Proboscis brevis. Palpi graciles, subascendentes, capitis latitudine breviores; articulus 2us subtus fimbriatus; 3us linearis, 2o brevior et gracilior. Antennæ serratæ. Pectus pilis longis vestitum. Abdomen alas posticas superans; fasciculus apicalis radiatus. Alæ anticæ latiusculæ, apice rectangulatæ, costa recta basi fimbriata subconvexa, margine exteriore dentato vix obliquo.

Male. Body cylindrical, rather stout. Proboscis short. Palpi slender, slightly ascending, shorter than the breadth of the head; second joint fringed beneath; third linear, shorter and more slender than the second. Antennæ serrated. Pectus clothed with long hairs. Abdomen extending rather beyond the hind wings; apical tuft diverging. Legs moderately long and stout; spurs not long. Wings rather broad. Fore wings rectangular at the tips; costa straight, fringed and slightly convex at the base; exterior border dentate, very slightly oblique.

1. Argua scabra.

Mas. *Albida; alæ anticæ transverse rugulosæ, lineis tribus transversis undulatis nigris, fasciis duabus cinereis plus minusve indeterminatis, lineis duabus submarginalibus strigularibus punctisque costalibus nigris; posticæ pallide cinereæ.*

Male. Whitish. Fore wings transversely rugulose, with three black irregularly undulating transverse lines, and with a double row of transverse black submarginal streaks; second and third lines accompanied by more or less indistinct cinereous bands; costal points black. Hind wings pale cinereous. Length of the body 8 lines; of the wings 20 lines.

a, *b*. Auckland, New Zealand. From Mr. Oxley's collection.

Genus 64. URABA.

Fœm. Corpus robustum. Proboscis nulla. Palpi oblique ascendentes, verticem non attingentes; articulus 3us brevissimus. Antennæ glabræ. Abdomen alas posticas non superans. Tibiæ posticæ calcaribus quatuor breviusculis. Alæ anticæ latæ, vix acutæ, costa vix convexa, margine exteriore obliquo subconvexo.

Female. Body stout. Proboscis obsolete. Palpi obliquely ascending, not rising so high as the vertex and not more than half the breadth of the head; third joint extremely short. Antennæ smooth. Abdomen not extending beyond the hind wings. Legs moderately long and stout; hind tibiæ with four rather short spurs. Wings broad. Fore wings hardly acute; costa hardly convex; exterior border slightly convex, moderately oblique.

1. Uraba lugens.

Fœm. *Cinerea; thorax nigro bifasciatus; alæ anticæ nigro conspersæ, linea media subrecta vix obliqua, lineis interiore et exteriore nigris dentatis minus determinatis cinereo pallido marginatis.*

Female. Cinereous. Thorax and fore wings thickly and minutely speckled with black; the former with two black bands. Fore wings with a middle nearly straight hardly oblique line; interior and exterior lines black, dentate, less distinct than the middle line; inner side of the interior line and outer side of the exterior line bordered with pale cinereous. Hind wings without any markings. Length of the body 6 lines; of the wings 18 lines.

a. Tasmania. Presented by M. Allport, Esq.

Genus 65. TOLPIA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi porrecti, caput paullo superantes; articulus 3us conicus, parvus. Antennæ glabræ, graciles. Abdomen alas posticas superans. Tibiæ subfimbriatæ, calcaribus longissimis. Alæ anticæ acutæ, costa subrecta, margine exteriore subconvexo sat obliquo.

Female. Body rather stout. Proboscis moderately long. Palpi porrect, hardly pilose, extending a little beyond the head; third joint conical, minute, not more than one-fourth of the length of the second. Antennæ smooth, slender. Abdomen extending beyond the hind wings. Legs moderately long and stout; tibiæ slightly fringed; spurs very long. Fore wings acute; costa almost straight; exterior border slightly convex, rather oblique.

1. Tolpia conscitulana.

Fœm. *Pallide cervina, subtus fuscescente-cinerea; alæ anticæ extus obscuriores, lineis tribus transversis angulosis fuscis, punctis tribus costalibus duobusque discalibus punctisque marginalibus elongatis nigris.*

Female. Pale fawn-colour, brownish cinereous beneath. Fore wings darker towards the exterior border, with three transverse zigzag darker lines; two black points near the base, one costal, the other discal; two black points on the first line, one costal; a costal black point on the second line, which, like the third, is brownish; marginal points black, elongated. Length of the body 2½ lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Fam. 3. CHOREUTIDÆ.

Choreutidæ, *Sta.*—Pyraloidæ, *Gn.*

Genus 1. SIMAETHIS.

Simaethis, *Lch.*—Xylopoda, *Ltr.*

Europe.

1. Simaethis Diana.

Diana, *Hb.*—decorana, *Ztt.*

2. Simaethis pariana.

pariana, *L.*—parialis, *Tr.*—lutosa, *Hw.*

a—e. England. From Mr. Stephens' collection.
f—h. England. Presented by F. Bond, Esq.
i. England. From Mr. Bouchard's collection.
j, k. England.
l—n. Europe. From M. Becker's collection.
o, p. Italy. From Dr. Leach's collection.

3. Simaethis Fabriciana.

Fabriciana, *L.*—dentana, *Hb.*—urticana, *Hb.*—alternalis, *Tr.*

a—l. England. From Mr. Stephens' collection.
m—q. England. From Mr. Foxcroft's collection.
r, s. England. Presented by E. Shepherd, Esq.
t. England. From Mr. King's colllection.
v, u. England.
w, x. Europe. From M. Becker's collection.

4. Simaethis lasciviana.

lasciviana, *Ld.*

5. Simaethis nemorana.

nemorana, *Hb.*—incisalis, *Tr.*

South America.

6. Simaethis amatana.

Mas et fœm. *Fusca aut nigricans, subtus alba; antennæ albo annulatæ; pedes argenteo fasciati; alæ anticæ apice subrotundatæ, lineis quatuor transversis cinereis dentatis, squamis subcostalibus viridibus, linea submarginali e punctis purpureis, fimbria albo binotata; posticæ macula discali lineolisque duabus submarginalibus cinereis, linea subapicali purpurea, fimbria strigis tribus obliquis albis.*

Male and female. Brown or blackish, white beneath. Palpi slender, smooth, lanceolate, hardly curved, porrect in the male, ascending in the female. Antennæ with white rings. Legs with silvery white bands. Wings beneath with deep black submarginal points. Fore wings somewhat rounded at the tips, with four transverse dark cinereous more or less dentate lines; some green metallic subcostal scales, and a submarginal line of purple metallic points; fringe with two white marks, one apical, the other near the interior angle. Hind wings with a round discal dark cinereous spot, with a purple subapical line, and with two short cinereous submarginal lines; fringe with three oblique white streaks; under side with some white purple-glistening lines. Length of the body $1\frac{1}{2}$—2 lines; of the wings $5\frac{1}{2}$—6 lines.

a. Ega. From Mr. Bates' collection.

7. Simaethis depulsana.

Fœm. *Cupreo-nigra; corpus subtus album; palpi albi, graciles, lanceolati, subarcuati, subascendentes, apice nigricantes; pedes albi, nigro fasciati; alæ anticæ apice rotundatæ, punctis submarginalibus purpureis, maculis quatuor discalibus guttaque marginali albis; posticæ macula discali fasciaque submarginali abbreviata albis, fimbria albo bistrigata.*

Female. Cupreous-black. Body white beneath. Palpi white, smooth, slender, lanceolate, slightly curved and ascending; third joint longer than the second, blackish towards the tip. Legs white, with black bands. Wings with brilliant metallic purple marks along the exterior border; these marks are points in the fore wings, streaks in the hind wings. Fore wings rounded at the tips, with four white discal spots, the second and third forming an interrupted and abbreviated band; a white apical dot on the fringe; exterior border convex, slightly oblique. Hind wings with a white elongated discal spot and a white submarginal band, the latter abbreviated in front; fringe with two white oblique streaks. Length of the body 2 lines; of the wings 5 lines.

a, *b*. Ega. From Mr. Bates' collection.

8. Simaethis confluxana.

Mas. *Cupreo-nigra, subcinerascens; corpus subtus album; palpi porrecti; pedes albi, nigro fasciati; alæ lituris submarginalibus cyaneis et purpureis, annulo discali oblongo transverso strigisque duabus posticis albidis, macula exteriore alba; posticæ macula discali fasciaque submarginali abbreviata albis, fimbria albo bistrigata.*

Male. Cupreous-black, tinged with cinereous, like *S. depulsana* in structure. Body white beneath. Palpi white, porrect, not ascending. Antennæ smooth, slender. Abdomen not extending beyond the hind wings; apical tuft small. Legs white, with black bands. Wings with blue and purple submarginal marks, like those of *S. depulsana*. Fore wings with a whitish oblong transverse discal ringlet, and with two short whitish transverse streaks on the interior border; a white spot in the exterior disk, corresponding to the fourth

white spot of *S. depulsana*. Hind wings like those of the above species. Length of the body 2 lines; of the wings 5 lines.

This may be the male of *S. depulsana*.

a. Ega. From Mr. Bates' collection.

9. Simaethis Plutusana.

Fœm. *Nigro-fusca; caput anticum viride micans; palpi albidi, caput paullo superantes; antennæ albo annulatæ; pedes albidi; alæ anticæ latiusculæ, fasciis quatuor guttularibus viridibus micantibus; posticæ obscure cinereo-fuscæ.*

Female. Blackish brown. Head in front and pectus brilliant green. Palpi whitish, porrect, slender, extending a little beyond the head. Antennæ with white rings. Abdomen not extending beyond the hind wings. Legs whitish, shining. Wings rather broad. Fore wings hardly acute, with four very incomplete brilliant green bands composed of dots; first band basal, forming two dots; second with three dots; third and fourth more irregular; costa and exterior border nearly straight, the latter slightly oblique. Hind wings dark cinereous-brown; interior angle prominent. Length of the body 1½ line; of the wings 4 lines.

a, *b*. Ega. From Mr. Bates' collection.

10. Simaethis rutilella.

Cupreo-nigra; caput pectusque viridi micante ornatæ; palpi læves, caput paullo superantes; antennæ albo annulatæ; alæ anticæ punctis discalibus et submarginalibus nigris, guttis duabus costalibus, una discali fimbriaque antica albis.

Cupreous-black. Palpi porrect, smooth, extending a little beyond the head. Antennæ with white rings. Head, pectus and legs adorned with brilliant metallic green. Fore wings acute, with a few metallic blue points in the disk, and with a row of submarginal points of the same hue; two white costal dots, the second one opposite to a white dot in the disk; fringe white in front. Length of the body 2 lines; of the wings 5 lines.

a. Ega. From Mr. Bates' collection.

11. Simaethis scintillana.

Fœm. *Obscure cupreo-fusca; antennæ albo annulatæ; thorax guttis duabus viridibus micantibus; abdomen apice viridi micans; alæ anticæ punctis basalibus viridibus punctisque exterioribus chalybæo-albis.*

Female. Dark cupreous-brown. Palpi smooth, slender, much shorter than the breadth of the head; second joint slightly curved; third linear, shorter than the second. Antennæ with white rings. Thorax with a metallic green brilliant dot on each side. Abdomen with metallic green lustre towards the tip. Fore wings acute, with some brilliant metallic green points towards the base, and with some exterior chalybeous white points; costa and exterior border almost straight, the latter moderately oblique. Hind wings a little paler than the fore wings. Length of the body $1\frac{1}{2}$ line; of the wings 5 lines.

a, *b*. Ega. From Mr. Bates' collection.

Asia.

12. Simaethis Buthusalis.

Mas. *Nigricans; corpus subtus album; palpi læves, graciles, breves, subarcuati, subascendentes, articulo 3o parvo; pedes albi, nigricante fasciati; alæ anticæ apice rotundatæ, fasciis tribus indeterminatis albidis, guttis marginalibus atris chalybæo punctatis; posticæ maculis duabus albidis, macula exteriore magna pallidissime cervina, linea marginali albida.*

Male. Blackish. Body white and shining beneath. Palpi smooth, slender, slightly curved and ascending, much shorter than the breadth of the head; third joint acute, minute. Antennæ minutely setulose. Legs white; tibiæ and tarsi with blackish bands. Wings rather short and broad. Fore wings rounded at the tips, with three irregular whitish bands; second band broader than the first, composed of three spots, of which the hindmost is the largest; marginal dots deep black, each accompanied by a glittering chalybeous point; costa straight; exterior border convex, moderately oblique. Hind wings with two whitish spots, which form a widely interrupted band; a large exterior very pale fawn-coloured spot; marginal line whitish. Length of the body $1\frac{1}{2}$ line; of the wings 4 lines.

a. Ceylon. From M. Nietner's collection.

13. Simaethis elatella.

Mas. *Cinereo-fusca; alæ linea exteriore abbreviata alba, punctis marginalibus purpureis aut cupreis, fimbria albo varia; anticæ lineis cinereis, reniformi e striga fuscescente obliqua albo marginata; posticæ striga discali alba.*

Male. Cinereous-brown. Antennæ slender, more than half the length of the body. Wings with an abbreviated exterior white line; marginal points metallic purple or cupreous; fringe partly white. Fore wings with some slight transverse cinereous lines; reniform mark represented by an oblique brownish white-bordered streak, having a little longitudinal white streak behind it. Hind wings with a large discal white streak. Length of the body $1\frac{3}{4}$ line; of the wings $4\frac{1}{2}$ lines.

Ceylon. In Mr. Layard's collection.

14. Simaethis excusana.

Mas. *Cupreo-fusca; corpus subtus album; palpi læves, graciles, albidi, articulis apice nigris, 2o elongato; pedes albi, nigro fasciati; alæ anticæ apice subrotundatæ, guttis duabus discalibus unaque subapicali albidis, lituris subcostalibus punctisque submarginalibus purpureis micantibus; posticæ guttis duabus albis, fascia submarginali purpurea.*

Male. Cupreous-brown. Body white beneath. Palpi porrect, smooth, slender, whitish, extending very little beyond the head; tips of the joints black; third joint as long as the second. Antennæ slender, minutely setulose. Legs white, with black bands. Fore wings slightly rounded at the tips, with two whitish discal dots, one interior, the other exterior; a white more concise subapical dot; some glittering purple subcostal marks and a submarginal row of glittering purple points; costa and exterior border almost straight, the latter slightly oblique. Hind wings with two white spots and with a submarginal purple band. Length of the body 2 lines; of the wings 5 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

New Zealand.

15. Simaethis combinatana.

Cupreo-ferruginea; palpi capitis latitudine paullo longiores, articulo 3o sublineari; antennæ albo annulatæ; alæ anticæ lineis quatuor transversis albidis diffusis undulatis, fimbria albido binotata.

Cupreous-ferruginous. Body cinereous beneath. Palpi porrect, squamous, a little longer than the breadth of the head; third joint almost linear, nearly half the length of the second. Antennæ with white rings. Fore wings with four whitish transverse diffuse irregular undulating lines; two of these are near the base, and two near the exterior border, and each pair is accompanied by numerous minute whitish speckles; fringe with two whitish streaks. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a—d. New Zealand. Presented by Col. Bolton.

Genus 2. CHOREUTIS.

Choreutis, *Hb.*—Porpe, *Hb.*

1. Choreutis dolosana.

dolosana, *H.-S.*

2. Choreutis Bjerkandrella.

Bjerkandrella, *Thnb.*—Bjerkandrana, *F.*—vibrana, *Hb.*—vibralis, *Tr.*

3. Choreutis pretiosana.

pretiosana, *Dp.*

4. Choreutis australis.

australis, *Zl.*

5. Choreutis Myllerana.

Myllerana, *F.*— angustana, *Hb.*— Scopoliana, *Pz.*— scintilulana, *Hb.*—scintilulalis, *Tr.*

a—k. England. From Mr. Stephens' collection.
l—q. England. From Mr. Stevens' collection.
r. England. From Mr. Foxcroft's collection.
s—w. England. Presented by B. Piffard, Esq.
x, y. Europe. From M. Becker's collection.

6. CHOREUTIS STELLARIS.

stellaris, *Zl.*

Genus 3. JONACA.

Fœm. Corpus robustum. Proboscis conspicua. Palpi validi, pubescentes, arcuati, oblique ascendentes; articulus 3us brevis, conicus. Antennæ breves, validæ, pubescentes. Abdomen alas posticas vix superans. Pedes læves; tibiæ posticæ calcaribus quatuor elongatis. Alæ anticæ elongatæ, apice subrotundatæ, costa fere recta, margine exteriore subconvexo subobliquo.

Female. Body stout. Proboscis distinct. Palpi stout, pubescent, curved, obliquely ascending, not rising higher than the vertex; third joint conical, less than one-fourth of the length of the second. Antennæ short, stout, pubescent. Abdomen hardly extending beyond the hind wings. Legs smooth, moderately stout; hind tibiæ with four long spurs. Wings elongate, not broad. Fore wings slightly rounded at the tips; costa almost straight; exterior border slightly convex and oblique.

1. JONACA COMPULSANA.

Fœm. *Obscure cervina; corpus subtus flavescente-album; abdomen nigricans, segmentis flavescente marginatis; alæ anticæ macula basali postica, fascia lata, lituris quatuor exterioribus lineaque marginali nigricantibus; posticæ nigricantes, maculis tribus pallide flavis, fimbria albida.*

Female. Dark fawn-colour. Body yellowish white beneath. Abdomen blackish; hind borders of the segments pale yellowish. Fore wings with a blackish spot at the base of the interior border, and with a broad blackish band, which is irregular on the outer side, where it emits an oblique streak to the interior angle; three irregular blackish spots between the band and the exterior border; marginal line blackish. Hind wings blackish, with a line formed by three pale yellow spots, the third joining the interior border near the base; fringe whitish. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. Ega. From Mr. Bates' collection.

Genus 4. MISCERA.

Mas. Corpus robustum. Proboscis nulla. Palpi validi, porrecti, pubescentes, capitis latitudine vix breviores; articulus 3us

longi-conicus. Antennæ crassæ, pectinatæ, apices versus simplices. Pedes breviusculi; tibiæ pilosæ. Alæ anticæ angustæ, apice rotundatæ, margine exteriore convexo obliquo, fimbria longa.

Male. Body stout. Proboscis obsolete. Palpi stout, porrect, pubescent, nearly as long as the breadth of the head; third joint elongate-conical, about one-fourth of the length of the second. Antennæ thick, pectinated, except towards the tips; branches short. Legs rather short; tibiæ pilose; hind tibiæ with four moderately long spurs. Wings narrow; fringe long. Fore wings rounded at the tips; costa straight; exterior border convex, moderately oblique.

1. Miscera resumptana.

Mas. *Nigricante-cuprea; tarsi pallido annulati; alæ anticæ cinereo pulverosæ, gutta discali alba elongata obliqua; posticæ vitta lata flava apud costam dilatata, fimbria cinerea.*

Male. Blackish cupreous. Tarsi with pale bands. Fore wings very minutely speckled with cinereous; discal dot white, elongated, oblique. Hind wings with a broad yellow stripe, which extends from the middle of the interior border, and is much dilated towards the costa; fringe mostly cinereous, except at the tips of the wings. Length of the body 3? lines; of the wings 6 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 5. OROSANA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi porrecti, capitis latitudine multo breviores; articulus 2us dense fimbriatus; 3us linearis, 2o valde brevior. Antennæ glabræ. Abdomen lanceolatum, alas posticas non superans. Pedes læves; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ latæ, subacutæ, margine exteriore obliquo subconvexo.

Female. Body rather stout. Proboscis moderately long. Palpi porrect, much shorter than the breadth of the head; second joint with a long dense fringe beneath; third linear, rounded at the tip, much shorter than the second. Antennæ smooth. Abdomen lanceolate, not extending beyond the hind wings. Legs smooth, moderately stout; hind tibiæ with four very long spurs. Wings broad. Fore wings slightly acute; costa straight; exterior border slightly convex, moderately oblique.

1. Orosana ophideresana.

Fœm. *Nigricans, subtus albida; abdominis segmenta ochraceo marginata; alæ anticæ apice subrotundatæ, lineis nonnullis transversis indeterminatis punctisque marginalibus atris, squamis nonnullis chalybæis, macula costali exteriore alba; posticæ læte luteæ, macula discali fasciaque marginali lata nigris.* Var. β.—*Minor; alæ posticæ macula discali fasciaque marginali latioribus.*

Female. Blackish. Body whitish beneath. Palpi porrect, pilose, hardly ascending, much shorter than the breadth of the head; third joint very short. Hind borders of the abdominal segments ochraceous. Fore wings slightly rounded at the tips, with some chalybeous spangles, and some indistinct and incomplete deep black transverse lines; marginal points deep black; a white spot on the costa at two-thirds of the length; exterior border slightly convex, moderately oblique. Hind wings bright luteous, with a black discal spot and a broad black marginal band, which is undulating on the inner side. *Var.* β.—Smaller. Hind wings with a broader black margin and a larger black spot, which extends almost across the luteous disk. Length of the body 2—2½ lines; of the wings 5—6 lines.

a—c. Australia. From Mr. Damel's collection.
d. Moreton Bay. From Mr. Diggles' collection.
e. North Hindostan. From Capt. Boyes' collection.
f. Ceylon. Presented by Dr. Templeton.

2. Orosana persumptana.

Fœm. *Nigra; vertex luteus; abdominis segmenta flavescente marginata; pedes albido fasciati; alæ anticæ cupreo-nigræ, lituris sex transversis flavescente-albis, fimbria antice albido notata; posticæ luteæ, margine latissimo nigro-cupreo.*

Female. Black. Vertex luteous. Abdomen with pale yellowish bands on the hind borders of the segments. Tibiæ and tarsi with whitish bands; hind tibiæ whitish, except towards the base. Fore wings cupreous-black, with five yellowish white transverse marks, forming three incomplete lines; first line abbreviated towards the costa; second line composed of two spots, one of them joining the interior border; third line of two spots, one of which joins the costa and is near an outer yellowish white costal dot; fringe with a

whitish mark in front. Hind wings luteous, with a very broad cupreous-black border. Length of the body 3—3½ lines; of the wings 8—9 lines.

a. Australia. Frm Mr. Damel's collection.
b. Tasmania. Presented by M. Allport, Esq.

3. Orosana desumptana.

Cupreo-nigra, subtus cinerea; palpi læves, graciles, verticem non superantes, articulo 3o lanceolato; alæ anticæ vix acutæ, basi atomisque exterioribus flavescente-cinereis, lineis transversis interruptis cyaneis et purpureis, striga costali subapicali obliqua flavescente-cinerea, linea marginali obscure cervina; posticæ luteæ, margine lato nigro-cupreo.

Cupreous-black, cinereous beneath. Palpi smooth, slender, nearly erect, not rising higher than the vertex; third joint lanceolate, a little shorter than the second. Fore wings hardly acute, yellowish cinereous towards the base, and with some yellowish cinereous exterior speckles; some transverse irregular interrupted metallic blue and purple lines; an oblique costal subapical yellowish cinereous streak; marginal line dark fawn-colour, irregular; fringe metallic; costa straight; exterior border slightly convex and oblique. Hind wings luteous, with a broad cupreous-black border. Length of the body 3 lines; of the wings 8 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 6. PLOTHEIA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi porrecti, compressi, obtusi, fimbriati, caput paullo superantes; articulus 3us minimus. Antennæ glabræ, graciles. Abdomen alas posticas non superans. Pedes læves, sat graciles; tibiæ posticæ pilosæ, calcaribus quatuor longissimis. Alæ anticæ latiusculæ, acutæ, costa recta, margine exteriore subconvexo.

Female. Body rather stout. Proboscis moderately long. Palpi porrect, compressed, obtuse, with a thick short fringe, extending a little beyond the head; third joint extremely short, hardly visible. Antennæ smooth, slender. Abdomen slightly tapering, not extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ pilose, with four very long spurs. Wings rather broad.

Fore wings acute; costa straight; exterior border slightly convex, moderately oblique; second inferior vein as far from the first as from the third; third more than twice further from the fourth than from the second.

1. Plotheia innotabilis.

Fœm. *Cinereo-fusca; alæ linea marginali obscure fusca; anticæ atomis diffusis fuscis, macula discali nigricante, punctis costalibus exterioribus quinque pallide cinereis, punctis marginalibus nigris albido notatis; posticæ fuscæ.*

Female. Cinereous-brown. Wings with a dark brown marginal line. Fore wings with diffuse minute brown speckles, and with a blackish discal spot; a row of black whitish-marked marginal points; exterior costa with five pale cinereous points. Hind wings brown. *Var.* β.—Discal spot brown. Length of the body 3 lines; of the wings 7 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Tribe TINEITES.

Tineites, *Nwm.*—Tineacea, *Zl.*—Tineina, *Sta.*

Fam. 1. TINEIDÆ.

Tineidæ, *Sta.*

Genus 1. DISSOCTENA.

Dissoctena, *Std.*

1. Dissoctena granigerella.

granigerella, *Std.*

Genus 2. LYPUSA.

Lypusa, *Zl.*—Galanthia, *Hb.*

1. Lypusa maurella.

maurella, *W. V.*—æsthiopella, *Ztt.*

Genus 3. DIPLODOMA.

Diplodoma, *Zl.*

1. Diplodoma marginepunctella.

marginepunctella, *St.*—siderella, *Zl.*
a, *b*. England.

Genus 4. XYSMATODOMA.

Xysmatodoma, *Zl.*

1. Xysmatodoma melanella.

melanella, *Hw.*—atrella, *St.*—stelliferella, *F. R.*
a. England. From Mr. Foxcroft's collection.
b—*l*. England.
m. Europe. From M. Heminghoffen's collection.

2. Xysmatodoma astrella.

astrella, *H.-S.*

3. Xysmatodoma argentimaculella.

argentimaculella, *Sta.*

Genus 5. HAPSIFERA.

Hapsifera, *Zl.*

1. Hapsifera luridella.

luridella, *Zl.*

2. Hapsifera parcella.

parcella, *Ld.*

3. Hapsifera lævigutella.

lævigutella, *H.-S.*

Genus 6. EUPLOCAMUS.

Euplocamus, *Ltr.*—Epichysia, *Hb.*

1. Euplocamus Ophisa.

Ophisa, *Cr.*—aurantiella, *Tr.*

2. EUPLOCAMUS ANTHRACINALIS.

anthracinalis, *Sc.*— Fuesslinella, *Sulz.*— anthracinella, *W. V.*— anthracina, *Bkh.*

a, *b*. Europe. From M. Becker's collection.

Genus 7. SCARDIA.

Scardia, *Tr.*—Phycis, *Hb.*

Europe.

1. SCARDIA POLYPORI.

polypori, *Esp.*—boletella, *F.*—gigantella, *Hb.*—boleti, *Och.*

2. SCARDIA BOLETI.

boleti, *F.*—mediella? *Hb.*—choragella, *W. V.*

a, *b*. England. From Mr. Chant's collection.
c, *d*. England.
e, *f*. Europe. From M. Becker's collection.

3. SCARDIA TESSULATELLA.

tessulatella, *Zl.*

Africa.

4. SCARDIA VASTELLA.

vastellus, *Zl.*
South Africa.

Genus 8. MOROPHAGA.

Morophaga, *H.-S.*

1. MOROPHAGA MORELLA.

morella, *Dp.*

Genus 9. OCHSENHEIMERIA.

Ochsenheimeria, *Hb.*

1. Ochsenheimeria taurella.

taurella, *W. V.*

a. Europe. From M. Becker's collection.

2. Ochsenheimeria bubalella.

bubalella, *Hb.*

3. Ochsenheimeria hirculella.

hirculella, *Tgstr.*

4. Ochsenheimeria scabrosella.

scabrosella, *Tgstr.*

5. Ochsenheimeria bisontella.

bisontella, *Zl.*—taurella, *Ct.*—vaculella, *St.*

a—*c*. England.

6. Ochsenheimeria urella.

urella, *F. R.*—Birdella, *Ct.*—Var. porphyrella, *Tgstr.*

a. England. From Mr. Bouchard's collection.
b—*k*. England.

7. Ochsenheimeria vaculella.

vaculella, *F. R.*—taurella, *Hb.*

a. England.

8. Ochsenheimeria capella.

capella, *Mschl.*

Genus 10. ATELIOTUM.

Ateliotum, *Zl.*

1. Ateliotum hungaricellum.

hungaricellum, *Zl.*

Genus 11. DYSMASIA.

Dysmasia, *Hb.*

1. Dysmasia petrinella.

petrinella, *H.-S.*

Genus 12. TINEA.

Tinea, *L.*—Abebæa, *Hb.*— Monopis, *Hb.*—Scythropia, *Hb.*—Endrosis, *Hb.*—Prays, *Hb.*—Symmoca, *Hb.*—Phycis, *Hb.*—Diaphthirusa, *Hb.*—Autoses, *Hb.*—Acedes, *Hb.*

Europe.

1. Tinea immella.

immella, *Hb.*

2. Tinea truncicolella.

truncicolella, *Tgstr.*

3. Tinea ferruginella.

ferruginella, *Hb.*—splendella, *Hb.*—ustella, *Hw.*

a—f. England.
g, h. Italy. From Dr. Leach's collection.

4. Tinea rusticella.

rusticella, *Hb.*—saturella, *Hw.*—vestianella, *St.*—spilotella, *Tgstr.*

a—i. England.
j, k. Europe. From M. Becker's collection.
l. Germany. From M. Heminghoffen's collection.

5. Tinea fraudulentella.

fraudulentella, *H.-S.*

6. Tinea monachella.

monachella, *Hb.*

7. Tinea fulvimitrella.

fulvimitrella, *Sdfy.*—rupella, *Hw.*—Bohemanella, *Ztt.*

a—h. England.
i, j. Scotland. From Mr. Stevens' collection.

8. Tinea tapetzella.

tapetzella, *L.*—tapetiella, *Zl.*

a—k. England.
l, m. Europe. From M. Becker's collection.
n. Arctic America. Presented by Sir J. Richardson.
o. Madeira. Presented by the Entomological Club.
p, q. Ceylon. Presented by Dr. Templeton.
r. Ceylon. From M. Neitner's collection.
s—v. New Zealand. Presented by Col. Bolton.
u, w. Auckland, New Zealand. From Mr. Oxley's collection.

9. Tinea arcella.

arcella, *F.*—nivella, *F.*—repandella, *Hb.*—clematea, *Hw.*

a. England. From Mr. Bouchard's collection.
b—j. England.

10. Tinea picarella.

picarella, *L.*—rigælla, *Sdky.*—acerella, *Tr.*—riganella, *H.-S.*

a. Germany. From M. Heminghoffen's collection.

11. Tinea arcuatella.

arcuatella, *St.*—picarella, *Hb.*

a—f. England.
g, h. Scotland. From Mr. Stevens' collection.

12. Tinea corticella.

corticella, *Ct.* — emortuella, *Zl.*— granella, *var.*, *Dp.*— cloacella, *H.-S.*

a—f. England.

13. Tinea parasitella.

parasitella, *Hb.*

a—l. England.
m, n. Europe. From M. Becker's collection.

14. Tinea nigralbella.

nigralbella, *Zl.*

15. Tinea quercicolella.

quercicolella, *H.-S.*

16. Tinea granella.

granella, *L.*

a—l. England.
m, n. Europe. From M. Becker's collection.
o. Germany. From M. Heminghoffen's collection.

17. Tinea cloacella.

cloacella, *Hw.*—granella, var., *Dp.*—infimella, *H.-S.*

a—e. England.

Var. ruricolella, *Sta.*

a—k. England.

18. Tinea cochylidella.

cochylidella, *Sta.*

19. Tinea relicinella.

relicinella, *H.-S.*

20. Tinea albipunctella.

albipunctella, *Hw.*

21. Tinea caprimulgella.

caprimulgella, *Sta.*

a. England.

22. Tinea Panormitanella.

Panormitanella, *Mann.*

23. Tinea nigripunctella.

nigripunctella, *Hw.*—parietariella, *H.-S.*

24. Tinea angustipennis.

angustipennis, *H.-S.*

25. Tinea ignicomella.

ignicomella, *H.-S.*—corticella, *Tgstr.*

26. Tinea albicomella.

albicomella, *H.-S.*—albicapilla, *Zl.*
a. Germany. From M. Heminghoffen's collection.

27. Tinea flavicapilla.

flavicapilla, *Zl.*

28. Tinea fuliginosella.

fuliginosella, *Zl.*

29. Tinea misella.

misella, *Zl.*—Knockiella, *Sta.*

30. Tinea spretella.

spretella, *W. V.*—fuscipunctella, *Hw.*
a—*n*. England.

31. Tinea pellionella.

pellionella, *L.*
a—*g*. England.
h, *i*. Europe. From M. Becker's collection.
j. Ceylon. Presented by Dr. Templeton.

32. Tinea dubiella.

dubiella, *Sta.*

33. Tinea pallescentella.

pallescentella, *Sta.*
a—*e*. England.

34. Tinea murariella.

murariella, *Std.*

35. Tinea flavescentella.

flavescentella, *Hw.*—spretella, *var.? Sta.*

a. England. From Mr. Bouchard's collection.

36. Tinea cubiculella.

cubiculella, *Std.*

37. Tinea inquinatella.

inquinatella, *Zl.*

38. Tinea merdella.

merdella, *Zl.*

39. Tinea lapella.

lapella, *Hb.*—ganomella, *Tr.*—tripunctella, *Dn.*

a. England. From Mr. King's collection.
b—j. England.

40. Tinea paradoxella.

paradoxella, *Std.*

41. Tinea casanella.

casanella, *Ev.*

42. Tinea lutosella.

lutosella, *Ev.*

43. Tinea biselliella.

biselliella, *Hml.*—crinella, *Tr.*—destructor, *St.*

a—k. England.

44. Tinea crassicornella, *Zl.*

crassicornella, *Zl.*

45. Tinea simplicella.

simplicella, *H.-S.*

a. England.
b—e. Ireland. From Mr. Bouchard's collection.
f. Germany. From M. Heminghoffen's collection.

46. Tinea semifulvella.

semifulvella, *Hw.*

a. England. From Mr. Bouchard's collection.
b—*g*. England.

47. Tinea chrysopterella.

chrysopterella, *H.-S.*—vitellinella, *Std.*

48. Tinea bistrigella.

bistrigella, *Hw.*—abalienella, *Ztt.*—dilorella, *H.-S.*

a, *b*. England.

49. Tinea subammanella.

subammanella, *Sta.*

50. Tinea argentimaculella.

argentimaculella, *Sta.*

a. England.

51. Tinea niveistrigella.

niveistrigella, *Hnm.*

52. Tinea vinculella.

vinculella, *H.-S.*

53. Tinea vinctella.

vinctella, *H.-S.*

54. Tinea granulatella.

granulatella, *H.-S.*

55. Tinea confusella.

confusella, *H.-S.*

56. Tinea pustulatella.

pustulatella, *Zl.*

North America.

57. Tinea insignisella.

Fœm. *Nigro-cuprea ; caput pectus et abdomen albida ; palpi oblique ascendentes, capitis latitudine breviores ; antennæ sat validæ ; tibiæ posticæ fimbriatæ ; alæ anticæ sat angustæ, chalybæo variæ, apice rotundatæ, strigis duabus latis albidis, punctis marginalibus albis ; posticæ æneæ.*

Female. Blackish cupreous. Head, palpi, pectus, abdomen and legs whitish. Palpi obliquely ascending, shorter than the breadth of the head; third joint conical. Antennæ rather stout, much shorter than the fore wings. Hind tibiæ fringed. Wings rather narrow. Fore wings rounded at the tips, varied with chalybeous; a broad whitish streak along the middle part of the costa and another along the outer part of the interior border; some white points along the exterior border and along the apical part of the costa; exterior border very oblique. Hind wings æneous; fringe long, cinereous. Length of the body 3 lines; of the wings 8 lines.

a—d. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

58. Tinea subjunctella.

Mas. *Cinerea ; caput flavo-cinereum, densissime pilosum ; palpi supra nigricantes, capitis latitudine paullo longiores ; tibiæ posticæ dense fimbriatæ ; alæ sat angustæ, subtus nigricantes ; anticæ vix acutæ, vitta lata subundulata punctisque nigris ; posticæ æneæ, fimbria cinerea.*

Male. Cinereous. Head yellowish cinereous, very thickly clothed. Palpi diverging, blackish above, a little longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ smooth, rather stout, much shorter than the fore wings. Abdomen attenuated, extending for half its length beyond the hind wings. Hind tibiæ thickly fringed. Wings rather narrow, blackish beneath. Fore wings hardly acute, with a broad blackish irregular slightly undulating stripe, which extends to the costa near the base, and is accompanied by black points exteriorly; costa very slightly convex; exterior border slightly convex, moderately oblique. Hind wings æneous; fringe cinereous. Length of the body $2\frac{3}{4}$ lines; of the wings 6 lines.

a, b. North America. From Mr. Carter's collection.

59. Tinea Martinella.

Mas. *Nigro-cinerea; caput nigro pilosum; palpi brevissimi; antennæ subsetulosæ; alæ anticæ nigro subconspersæ, plaga disci fuscescente.*

Male. Blackish cinereous. Head with short thick-set black hairs. Palpi very short. Antennæ rather stout, minutely setulose, shorter than the fore wings. Wings narrow; fringe long. Fore wings thinly speckled with black; a brownish patch in the middle of the disk. Length of the body 3 lines; of the wings 8 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

South America.

60. Tinea Molinella.

Molinella, *Cr.*

Surinam.

61. Tinea?? Petronella.

Petronella, *Cr.*

Surinam.

62. Tinea pristinella.

Fœm. *Cinereo-rufescens, robusta; palpi pilosissimi; alæ latiusculæ, fusco conspersæ; anticæ apud costam fusco strigatæ, strigis tribus discalibus latis diffusis obscure fuscis; posticæ cinereo-fuscæ.*

Female. Dull cinereous-reddish. Body stout. Palpi very pilose, shorter than the breadth of the head. Abdomen extending beyond the hind wings. Wings comparatively broad, very minutely speckled with brown. Fore wings transversely streaked with brown along the costa; three dark brown broad diffuse irregular streaks in the disk; exterior border moderately oblique. Hind wings cinereous-brown. Length of the body 5—6 lines; of the wings 14—16 lines.

a, *b*. Venezuela. From Mr. Dyson's collection.

63. Tinea flectella.

Fœm. *Fusca; caput pallide flavum; palpi breves; abdomen cinereum; alæ acutæ, perangustæ; anticæ vitta apud marginem interiorem fasciaque exteriore obliqua interrupta pallide flavis, punctis posticis exterioribus nigris; posticæ cinereæ.*

Female. Brown. Head pale yellow. Palpi short, smooth; third joint lanceolate, about half the length of the second. Antennæ as long as the body. Abdomen cinereous; oviduct exserted. Wings acute, very narrow. Fore wings with a pale yellow stripe along the interior border; this stripe is somewhat jagged on its inner side, and it is accompanied by a few black points beyond the oblique interrupted and irregular band which proceeds from it to the apical part of the costa. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 8 lines.

a. Venezuela. Prom Mr. Dyson's collection.

64. Tinea abscensella.

Mas. *Albido-testacea; palpi pubescentes, decumbentes, deflexi, capitis latitudine multo longiores; antennæ glabræ; alæ anticæ fusco subconspersæ, apice rotundatæ, guttis quatuor costalibus, striga brevi lata obliqua, macula postica punctisque marginalibus nigris; posticæ albidæ.*

Male. Whitish testaceous. Head slightly tufted above. Palpi stout, pubescent, decumbent, diverging, much longer than the breadth of the head; third joint lanceolate, a little shorter than the second. Antennæ stout, smooth. Abdomen extending much beyond the hind wings. Legs rather stout. Wings narrow, rounded at the tips. Fore wings thinly speckled with brown; four black costal dots; a short broad oblique black streak between the first and second dots; some black points along the exterior border; a black spot on the interior border in a line with the costal streak. Hind wings whitish; fringe long. Length of the body 3 lines; of the wings 8 lines.

a. Venezuela. From Mr. Dyson's collection.

Africa.

65. Tinea damnificella.

damnificella, *Zl.*

Natal.

66. Tinea farraginella.

farraginella, *Zl.*

South Africa.

67. Tinea speculella.

Blabophanes speculella, *Zl.*

South Africa.

68. Tinea lucidella.

Fœm. *Pallidissime aurato-ochracea ; caput ochraceum, fasciculatum ; palpi porrecti, pubescentes ; tibiæ posticæ subfimbriatæ ; alæ anticæ angustæ, subacutæ ; posticæ purpureo-cinereæ.*

Female. Very pale gilded ochraceous, shining. Head ochraceous and tufted above. Palpi porrect, pubescent, extending a little beyond the front, much shorter than the breadth of the head; third joint lanceolate, much shorter than the second. Abdomen extending much beyond the hind wings. Legs rather long; hind tibiæ thinly fringed; spurs very long. Wings long, narrow; fringe rather long. Fore wings slightly acute; exterior border very oblique; under side and hind wings purplish cinereous, excepting the fringe. Length of the body 7 lines; of the wings 16 lines.

a. Cape. From M. Dregé's collection.

69. Tinea horridella.

Fœm. *Testacea ; palpi porrecti, pubescentes, subarcuati ; antennæ robustæ ; tibiæ posticæ dense fimbriatæ ; alæ anticæ squamosæ, asperæ, squamis nigris plagisque diffusis fuscis ; posticæ pallide cinereæ, fimbria albida.*

Female. Testaceous. Palpi porrect, extending a little beyond the head; second joint pubescent, slightly curved; third slender, not more than one-third of the length of the second. Antennæ stout. Legs stout; hind tibiæ densely fringed. Fore wings squamous, rough, shining, rounded at the tips, with some irregular diffuse brown patches and with many black scales; interior angle prominent, rounded. Hind wings pale cinereous; fringe whitish. Length of the body 5 lines; of the wings 12 lines.

a. Port Natal. From M. Gueinzius' collection.

70. Tinea inconcisella.

Mas. *Subochracea ; palpi porrecti, articulo 2o subtus fimbriato, 3o sublineari ; antennæ subpubescentes ; alæ anticæ apice*

rotundatæ, plagis fuscescentibus nigricante albidoque marginatis, atomis nonnullis nigris, costa subfuscescente guttis quatuor albidis; posticæ nigro-fuscæ.

Male. Dull pale ochraceous, paler beneath. Head with short erect hairs. Palpi porrect, as long as the breadth of the head; second joint thickly fringed beneath; third nearly linear, much shorter than the second. Antennæ stout, minutely pubescent. Abdomen brown above, extending much beyond the hind wings. Fore wings rounded at the tips, with some brownish patches, which are more or less blackish-bordered; some little irregular whitish lines along the borders of the patches; a few black speckles; costa slightly brownish, with a whitish dot on its middle, and three whitish dots near its tip. Hind wings blackish brown, acute. Length of the body 3 lines; of the wings 8 lines.

a. Australia. From Mr. Damel's collection.*

71. Tinea erinacea.

Mas. *Cinerea; caput pilosum; palpi porrecti, breves, pilosi; tibiæ posticæ late fimbriatæ; alæ anticæ nigricante strigatæ, lituris basalibus apicibusque ochraceis, fasciculis albidis; posticæ æneæ, subtus purpurascentes.*

Female. Cinereous. Head and palpi pilose. Palpi porrect, extending very little beyond the head; third joint very minute. Antennæ long. Abdomen lanceolate; oviduct exserted. Hind tibiæ broadly fringed. Wings with a long fringe. Fore wings rounded and ochraceous at the tips, minutely and transversely blackish streaked; some small basal ochraceous marks; several discal tufts of long whitish bristles. Hind wings æneous, purplish beneath; fringe cinereous. Length of the body 4 lines; of the wings 10 lines.

"This moth carries the bristles of the wings erect when alive."—*MSS.*

a. Port Natal. From M. Gueinzius' collection.

72. Tinea concolorella.

Fœm. *Fusca; caput pilosum; palpi graciles, breves; alæ anticæ cinereo conspersæ, litura concava fusiformi; posticæ cinereæ.*

---

* Inserted by mistake among the African species.

Female. Brown, cinereous beneath. Head pilose above. Palpi slender, not extending beyond the head. Abdomen and hind wings cinereous. Fore wings minutely speckled with cinereous; a longitudinal fusiform depressed mark in the disk at a little before the middle. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

73. Tinea atomosella.

Mas. *Testaceo-cinerea; palpi læves, caput superantes, articulo 3o lineari; alæ anticæ angustæ, apice rotundatæ, atomis guttaque discali nigris; posticæ cinereæ.*

Male. Testaceous-cinereous. Palpi smooth, extending rather beyond the head; third joint linear, less than half the length of the second. Abdomen and hind wings cinereous. Hind tibiæ slightly pilose; spurs very long. Wings narrow. Fore wings rounded at the tips, with numerous minute black speckles; a black dot in the disk beyond the middle; under side purplish æneous. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

74. Tinea abligatella.

Fœm. *Pallide cinereo-cervina; abdomen alas posticas longissime superans; pedes validi, calcaribus longissimis; alæ anticæ angustæ, apice rotundatæ, nigro conspersæ, gutta discali exteriore nigra; posticæ cinereæ.*

Female. Pale cinereous fawn-colour. Under side, abdomen, legs and hind wings cinereous. Abdomen extending for nearly all its length beyond the hind wings. Legs smooth, stout; spurs very long. Wings narrow. Fore wings rounded at the tips, minutely speckled with black; a black dot in the disk at two-thirds of the length. Length of the body 3 lines; of the wings 8 lines.

a. Cape. From M. Dregé's collection.

75. Tinea abactella.

Fœm. *Pallidissime cervina; abdomen alas posticas longissime superans; alæ lanceolatæ, angustæ; anticæ peracutæ, nigro subconspersæ, apices versus valde attenuatæ.*

Female. Very pale fawn-colour. Abdomen extending for its whole length beyond the hind wings. Legs smooth. Wings lanceolate, narrow, acute. Fore wings much attenuated towards the tips, very acute, very minutely speckled with black. Length of the body $3\frac{1}{2}$ lines ; of the wings 7 lines.

a. Cape. From M. Dregé's collection.

76. Tinea despectella.

Pallide cinerea ; caput albidum ; palpi nigricante trifasciati, articulo 3o lanceolato ; tarsi nigro fasciati ; caput albidum ; palpi nigricante trifasciati, articulo 3o lanceolato ; alæ anticæ subacutæ, venis nigro subconspersis ; posticæ cinereæ.

Pale cinereous-brown. Head and palpi whitish. Palpi slightly diverging, as long as the breadth of the head ; second joint with a blackish band near the tip ; third lanceolate, much shorter than the second, with two blackish bands. Antennæ slender. Legs whitish ; joints of the tarsi with black tips. Fore wings slightly acute, very minutely speckled with black on the veins. Hind wings cinereous. Length of the body $1\frac{1}{2}$ line ; of the wings $4\frac{1}{2}$ lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Mauritius.

77. Tinea Borboniella.

Borboniella, *Bd.*

Mauritius. Isle of France.

78. Tinea subcervinella.

Mas. *Cinereo-cervina ; palpi capitis latitudine longiores, articulo 3o lineari ; tibiæ posticæ fimbriatæ ; alæ anticæ angustæ, acutæ, nigricante conspersæ, æneo chalybæoque subtinctæ, gutta discali nigra ; posticæ pallide æneo-cinereæ.*

Male. Cinereous fawn-colour. Body beneath, abdomen and hind wings pale cinereous. Palpi smooth, rather longer than the breadth of the head ; third joint linear, rounded at the tip, a little more than half the length of the second. Abdomen extending for more than half its length beyond the hind wings. Hind tibiæ with a long fringe. Wings narrow, acute. Fore wings slightly tinged with æneous and chalybeous, minutely blackish-speckled ; a black

dot in the disk at three-fourths of the length; exterior border extremely oblique. Hind wings pale cinereous, with æneous reflections; fringe very long. Length of the body 6 lines; of the wings 14 lines.

a. Mauritius. From Dr. Beke's collection.

79. Tinea acquisitella.

Fœm. *Cinerea, robusta; palpi porrecti, articulo 2o porrecto subarcuato; alæ anticæ fusco nebulosæ, nigro conspersæ, spatio apicali albido, strigula postica nigra; posticæ æneo-cinereæ, subhyalinæ.*

Female. Cinereous, stout, paler beneath. Palpi porrect, slightly curved, shorter than the breadth of the head; second joint with short hairs beneath. Fore wings rounded at the tips, shaded with brown; speckles black, most distinct and regular along the costa; apical fifth part whitish, very minutely speckled with brown, concisely and obliquely divided from the brown part; a black streaklet along the apical part of the interior border. Hind wings æneous-cinereous, slightly hyaline. Length of the body 4 lines; of the wings 10 lines.

a. Mauritius. From Dr. Beke's collection.

Asia.

80. Tinea glabrella.

Fœm. *Æneo-cervina, nitens; caput pallide ochraceum; palpi fusci, porrecti, articulo 3o conico; pedes robusti; alæ anticæ sat latæ, nigricante quadrilineatæ.*

Female. Æneous fawn-colour, shining. Head pale ochraceous, pubescent. Palpi brown, porrect, not extending beyond the head; third joint conical, minute. Antennæ slender, rather shorter than the fore wings. Legs stout, smooth. Wings moderately broad, iridescent beneath; fringe with four blackish lines. Fore wings rounded at the tips; exterior border very oblique. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

81. Tinea receptella.

Mas. *Ferruginea ; caput pilosum ; palpi pilosi, breves ; antennæ gracillimæ ; alæ anticæ subfalcatæ, atomis plagisque quatuor discalibus parvis nigris ; posticæ purpureo-fuscæ.*

Male. Ferruginous. Head and palpi pilose. Palpi porrect, shorter than the breadth of the head ; third joint very minute. Antennæ very slender. Fore wings acute, subfalcate, with black speckles, some of which are contiguous and form four small discal patches ; costa hardly convex ; exterior border very oblique ; under side and hind wings brown, tinged with purple. Length of the body 4 lines ; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.
b. Ceylon. From M. Nietner's collection.

82. Tinea longella.

Alba ; caput subfasciculatum ; palpi porrecti ; tibiæ posticæ fimbriatæ ; alæ anticæ nigro-chalybeæ, sat angustæ, apice rotundatæ, striga lata costali alba biangulata ; posticæ obscure æneo-cinereæ.

White. Head slightly tufted. Palpi porrect, extending very little beyond the head ; third joint elongate-conical, much shorter than the second. Antennæ rather stout, much shorter than the fore wings. Hind tibiæ fringed. Wings rather narrow. Fore wings blackish chalybeous, rounded at the tips, with a broad white costal streak, which extends from before the middle nearly to the tip, and forms two slight angles on its hind side ; exterior border extremely oblique. Hind wings dark cinereous, with an æneous tinge. Length of the body 4 lines ; of the wings 10 lines.

a. North Hindostan. From Mr. Stevens' collection.

83. Tinea impressella.

Fœm. *Pallide cinereo-cervina ; caput niveum, lanuginosum ; palpi subdeflexi, articulo 3o parvo ; antennæ sat robustæ ; alæ anticæ angustæ, subacutæ, plaga discali subexcavata ; posticæ cinereæ.*

Female. Pale cinereous fawn-colour. Head lanuginous, snow-white. Palpi porrect, slightly deflexed, shorter than the breadth of the head ; third joint acute, minute. Antennæ rather stout. Fore

wings narrow, slightly acute, with an æneous tinge; a small paler impressed patch in the middle of the disk; exterior border almost straight, very oblique. Hind wings cinereous. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a, *b*. Ceylon. Presented by Dr. Templeton.

84. Tinea fissella.

Fœm.—*Pallide flava; palpi deflexi; antennæ sat robustæ; thorax fuscus; alæ anticæ vix acutæ, macula discali, costa dimidioque exteriore fuscis; posticæ cinereæ.* Var. β.—*Thoracis discus fuscus.*

Female. Pale yellow. Head pubescent. Palpi diverging, shorter than the breadth of the head. Antennæ rather stout, hardly more than half the length of the fore wings. Thorax brown. Fore wings hardly acute; costa and exterior half brown; a brown spot contiguous to the oblique outline of the yellow part. Hind wings cinereous. *Var.* β.—Border of the thorax pale yellow. Length of the body 2—$2\frac{1}{2}$ lines; of the wings 5—6 lines.

a. Ceylon. Presented by Dr. Templeton.
b, *c*. Ceylon. Presented by S. H. K. Thwaites, Esq.

85. Tinea amandatella.

Mas. *Cinerea; caput albidum, lanuginosum; palpi deflexi, articulo 3o lanceolato; alæ anticæ angustæ, nigricante conspersæ, apice rotundatæ, macula discali oblonga albida semihyalina.*

Male. Cinereous. Head whitish and lanuginous above. Palpi smooth, slender, diverging, not longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ smooth, more than half the length of the fore wings. Abdomen extending very much beyond the hind wings. Legs smooth. Fore wings narrow, rounded at the tips, thickly blackish-speckled, with a whitish oblong semihyaline discal spot; exterior border extremely oblique. Length of the body 2 lines; of the wings 6 lines.

a, *b*. Ceylon. Presented by Dr. Templeton.

86. TINEA PARVULELLA.

Mas. *Pallide cinerea; caput lanuginosum; palpi subdeflexi, articulo 3o longi-conico parvo; antennæ subpubescentes; alæ anticæ angustæ, apice subrotundatæ, strigulis plagaque subapiculi æneis.*

Male. Pale cinereous. Head somewhat lanuginous above. Palpi slightly diverging, a little shorter than the breadth of the head; third joint elongate-conical, minute. Antennæ very minutely pubescent, about half the length of the fore wings. Legs smooth. Fore wings narrow, slightly rounded at the tips, with some small æneous streaklets and with an æneous subapical patch; fringe long; exterior border very oblique. Length of the body 1½ line; of the wings 3½ lines.

a. Ceylon. Presented by Dr. Templeton.

Borneo.

87. TINEA ROBUSTELLA.

Fœm. *Subæneo-cinerea, robusta, nitens; caput pubescens; palpi læves, graciles, breves; pedes validi; alæ anticæ angustæ, vix acutæ.*

Female. Cinereous, stout, shining, slightly tinged with æneous. Head pubescent above. Palpi smooth, slender, porrect, not extending beyond the head. Abdomen extending rather beyond the hind wings. Legs stout. Wings narrow. Fore wings hardly acute. Length of the body 2½ lines; of the wings 6 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

88. TINEA AUSTRALASIELLA.

australasiella, *Dn.*—cossuna, *Lewin.*

a, *b*. Moreton Bay. Presented by — Gibbons, Esq.
c, *d*. Moreton Bay. From Mr. Diggles' collection.
e. Australia. From Mr. Damel's collection.
f—*h*. Sydney. From Mr. Lambert's collection.
i, *j*. Australia. From Mr. Milne's collection.
k. ——— ?

Var. β. Fore wings with the white hue more prevalent, and forming more numerous bands, which are sometimes entire, sometimes interrupted by the branches of the purple bands.

l, m. Swan River. Presented by Sir J. Richardson.
n. Swan River. Presented by Capt. Grey.

89. Tinea Ethelella.

Ethelella, *Nwm.*

Australia.

90. Tinea celsella.

Fœm. *Cinereo-fusca; caput pallide cinereum, articulo 3o lineari; antennæ subserratæ; oviductus productus; pedes fusco fasciati; alæ anticæ fusco conspersæ, guttis marginalibus et subapicalibus fuscis, fimbria fusco interlineata.*

Female. Cinereous-brown. Head and under side pale cinereous. Palpi smooth, slightly streaked with black, nearly as long as the breadth of the head; third joint linear, rounded at the tip, a little longer than the second. Antennæ minutely serrulated. Oviduct long. Legs smooth; tibiæ and tarsi with brown bands. Fore wings rounded at the tips, brown-speckled; brown dots along the costa and along the exterior border, and in the apical part of the disk; fringe incompletely interlined with brown. Length of the body 5 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.

91. Tinea rectella.

Fœm. *Pallide flava; palpi nigri, apice flavi; thorax nigro bimaculatus; alæ anticæ nigræ, costam versus cinereo conspersæ, macula discali cinerea, vitta postica denticulata costaque flavis; posticæ obscure cinereæ.*

Female. Pale yellow. Palpi black, pale yellow towards the tips. Thorax with a large black spot on each side. Fore wings black, slightly speckled with cinereous towards the costa, which is yellow; a cinereous discal dot, which is whitish beneath; a yellow denticulated stripe along the interior border; under side blackish æneous. Hind wings dark cinereous. Length of the body 3—4 lines; of the wings 10—12 lines.

a. Tasmania. Presented by Dr. Milligan.
b, c. Auckland, New Zealand. From Mr. Oxley's collection.
d. New Zealand. Presented by Capt. J. C. Ross.

92. Tinea maurella.

Fœm. *Nigricans, robusta; palpi porrecti, articulo 2o subtus fimbriato; antennæ gracillimæ; pedes albido fasciati; alæ anticæ nigro subconspersæ, punctis tribus costalibus elongatis albidis.*

Female. Blackish, stout, dark brown beneath. Head pubescent Palpi porrect, shorter than the breadth of the head; second joint fringed beneath; third lanceolate, much shorter than the second. Antennæ very slender, less than half the length of the fore wings. Tibiæ and tarsi with whitish bands. Wings rather broad. Fore wings minutely black-speckled, rounded at the tips, with three elongated whitish points along the exterior part of the costa; exterior border very oblique. Length of the body 5 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

93. Tinea anticella.

Fœm. *Fusco-cinerea; caput pallide flavum; palpi brevissimi, subdecumbentes; antennæ validæ, breviusculæ; pectus et abdomen pallide cinerea; alæ anticæ apice rotundatæ.*

Female. Brownish cinereous, smooth, shining. Head pale yellow. Palpi very short, slightly decumbent; third joint very minute. Antennæ stout, not more than half the length of the fore wings. Pectus, abdomen and legs pale cinereous. Abdomen extending much beyond the hind wings. Wings moderately broad. Fore wings rounded at the tips; exterior border slightly convex, very oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. Australia. From Mr. Pamplin's collection.

94. Tinea meliorella.

Fœm. *Ferrugineo-fusca; caput niveum, dense vestitum; pectus et abdomen aurato-flava; palpi extus nigri; tibiæ dense fimbriatæ; alæ anticæ nigro punctatæ, apice subrotundatæ, plaga basali maxima, plaga costali liturisque nonnullis minimis albis, fimbria obscure fusca albo uninotata; posticæ purpureo-cupreæ, fimbria aurato-flava.*

Female. Ferruginous-brown. Head pure white, densely clothed. Palpi, pectus, abdomen and legs gilded yellow. Palpi diverging, black on the outer side, except at the tips; third joint much shorter than the second. Antennæ much shorter than the fore wings. Abdomen extending much beyond the hind wings. Hind tibiæ thickly fringed; tarsi with brown rings. Wings moderately broad. Fore wings slightly rounded at the tips, with several black points and speckles; a very large white patch near the base, and a smaller one extending from the middle of the costa to the disk; some very small and irregular white marks behind the second patch and towards the tip of the wing; fringe dark brown, with a white mark in the middle; exterior border slightly convex, very oblique. Hind wings purplish cinereous; fringe long, gilded yellow. Length of the body 4 lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

95. Tinea certella.

Fœm. *Fusco-cinerea; palpi pallide cinerei, capitis latitudine non longiores; alæ anticæ acutæ, albido-cinereæ, fusco conspersæ, vitta lata subcostali bis incisa lineaque submarginali denticulata fuscis; posticæ purpureo-æneæ.*

Female. Brownish cinereous. Palpi pale cinereous, diverging, not longer than the breadth of the head; third joint very much shorter than the second. Antennæ slender, smooth, much shorter than the fore wings. Abdomen extending for half its length beyond the hind wings. Wings long, narrow, æneous beneath. Fore wings acute, whitish cinereous, minutely brown-speckled, with a broad brown stripe, which extends along the costa to nearly three-fourths of the length, and occupies more than half the breadth; two excavations on the hind side of the stripe, which terminates abruptly; a denticulated submarginal brown line; exterior border very oblique. Hind wings purplish æneous. Length of the body 3 lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

96. Tinea plagiatella.

Mas. *Subochraceo-albida; abdomen fusco-cinereum; alæ anticæ angustæ, vix acutæ, fusco conspersæ, striga basali maculisque quatuor nigricantibus, macula postica alba, maculis tribus costalibus strigisque duabus exterioribus fuscis, plagis duabus discalibus ochraceis; posticæ æneæ.*

Male. Whitish. Head and thorax slightly tinged with ochraceous. Abdomen brownish cinereous above, extending much beyond the hind wings. Wings long, narrow. Fore wings hardly acute, irregularly speckled with brown; a blackish streak extending from the base; two blackish spots in the disk, opposite two others on the interior border; a white spot behind the second blackish spot; three brown costal spots; two brown exterior streaks, one extending to the fore part of the exterior border, the other to the interior angle; two diffuse ochraceous discal patches; exterior border extremely oblique. Hind wings æneous. Length of the body $2\frac{3}{4}$ lines; of the wings 8 lines.

a. New Zealand. Presented by Col. Bolton.

97. Tinea admotella.

Mas. *Cinerea, sat robusta; palpi decumbentes, capitis latitudine paullo longiores, articulo 3o lanceolato; antennæ glabræ; pedes validi; alæ anticæ angustæ, sat acutæ, fusco conspersæ.*

Male. Cinereous, rather stout. Palpi decumbent, smooth, a little longer than the breadth of the head; third joint lanceolate, about half the length of the second. Antennæ smooth, not more than half the length of the fore wings. Abdomen extending very much beyond the hind wings. Legs stout, smooth. Wings rather narrow. Fore wings acute, thickly speckled with brown; exterior border slightly curved, rather oblique. Length of the body $2\frac{1}{2}$—3 lines; of the wings 6—8 lines.

a—*c*. New Zealand. Presented by Col. Bolton.

98. Tinea? derogatella.

Fœm. *Cinerea; caput albidum; palpi decumbentes, articulo 3o longi-conico; alæ anticæ albæ, strigulis transversis nigris, fascia maculisque quatuor marginalibus aurato-cervinis nigro marginatis; posticæ fimbria subaurata.*

Female. Cinereous. Head whitish, pubescent. Palpi decumbent, rather longer than the breadth of the head; third joint elongate-conical, nearly half the length of the second. Antennæ a little more than half the length of the fore wings. Fore wings white, rounded at the tips, minutely and transversely black-streaked, the streaks most numerous on the apical part; a gilded fawn-coloured black-bordered band; two costal spots of the same hue nearer the base, and three exterior spots, one of these on the costa, the other two on the exterior border, which is very oblique. Hind wings with the fringe slightly gilded. Length of the body 1½ line; of the wings 4½ lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

Genus 13. MYRMECOZELA.

Myrmecozela, *Zl.*

1. Myrmecozela ochraceella.

ochraceella, *Tgstr.*

a—f. England. From Mr. Bouchard's collection.
g—n. England.
o, p. England. From Mr. Stevens' collection.

Genus 14. ERIOCOTTIS.

Eriocottis, *Zl.*

1. Eriocottis fuscanella.

fuscanella, *Zl.*

Genus 15. LAMPRONIA.

Lampronia, *St.*—Esperia, *Hb.*—Denisia, *Hb.*

Europe.

1. Lampronia Standfussiella.

Standfussiella, *Zl.*

2. Lampronia morosa.

morosa, *Zl.*—quadripunctella, *Dp.*

a. England. From Mr. Bouchard's collection.
b—f. England.

3. Lampronia flavimitrella.

flavimitrella, *Hb.*

4. Lampronia redimitella.

redimitella, *Zl.*

5. Lampronia luzella.

luzella, *Hb.*—flavipunctella, *Hw.*

a—g. England.

6. Lampronia prælatella.

prælatella, *W. V.*—luzella, *Tr.*—mœstella? *Hb.*—flavimitrella? *Dp.*

a—c. England. From Mr. Bouchard's collection.
d—n. England.

7. Lampronia rubiella.

rubiella, *Bjkd.*—variella, *F.*—corticella, *Hw.*—multipunctella, *Dp.*

a—o. England.

Australia.

8. Lampronia discistrigella.

Mas. *Obscure cuprea; palpi porrecti; antennæ flavæ, dense setulosæ, nigro annulatæ; abdomen subtus albidum; tarsi albidi, cupreo fasciati; alæ anticæ apice rotundatæ, lituris tribus costalibus transversis flavis; posticæ striga discali lutea.*

Male. Dark cupreous. Palpi porrect, extending a little beyond the head; third joint very minute. Antennæ yellow, densely setulose, with black rings. Abdomen whitish beneath, not extending beyond the hind wings. Legs whitish beneath; tarsi whitish, with cupreous bands on the upper side. Fore wings rounded at the tips, with three yellow transverse costal marks; middle mark much larger than the others; exterior border hardly convex, rather oblique. Hind wings with an irregular luteous discal streak. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Sydney. From Mr. Lambert's collection.

Genus 16. TEICHOBIA.

Teichobia, *H.-S.*

1. Teichobia verhuella.

verhuella, *Sta.*

a, *b*, England. Presented by F. Bond, Esq.

Genus 17. INCURVARIA.

Incurvaria, *Hw.*—Esperia, *Hb.*

Europe.

1. Incurvaria musculella.

musculella, *F.*—masculella, *Hb.*—muscula, *Hw.*—spuria, *Hw.*

a—*m*. England.
n, *o*. Europe. From M. Becker's collection.

2. Incurvaria pectinea.

pectinea, *Hw.*—pectinella, *St.*—Zinckenii, *Zl.*

a, *b*. Europe. From M. Becker's collection.

3. Incurvaria Korneriella.

Korneriella, *Zl.*—rufimitrella, *H.-S.*—flavicostella, *Zl.*

4. Incurvaria tenuicornis.

tenuicornis, *Sta.*

5. Incurvaria angusticostella.

angusticostella, *F. R.*, *Zl.*

6. Incurvaria argillella.

argillella, *Kollar*, *Zl.*

7. Incurvaria vetulella.

vetulella, *Ztt.*—circulella, *Ztt.*—pallidulella, *H.-S.*

8. Incurvaria Oehlmanniella.

Oehlmanniella, *Hb.*

a—g. England.
h, i. Europe. From M. Becker's collection.

9. Incurvaria Schonherrella.

Schonherrella, *Ztt.*

10. Incurvaria capitella.

capitella, *L.*

a. England. From Mr. Chant's collection.
b—l. England.
m. Lerwick. Presented by A. White, Esq.
n, o. Europe. From M. Becker's collection.
p. Germany. From M. Heminghoffen's collection.

11. Incurvaria rupella.

rupella, *W. V.*—capitella, *Tr.*—Næzenella, *Ztt.*

a, b. Europe. From M. Becker's collection.

12. Incurvaria trimaculella.

trimaculella, *H.-S.*—mesospilella, *H.-S.*

Australia.

13. Incurvaria magnella.

Mas. *Obscure cuprea; caput supra pallide luteum; antennæ pubescentes; abdomen luteum, apice cupreum; alæ anticæ macula basali postica, fascia, macula exteriore postica fasciaque submarginali interrupta aurato-flavis; posticæ basi aurato-flavæ.*

Male. Dark cupreous. Head above pale luteous. Palpi porrect, extremely short. Antennæ pubescent. Abdomen luteous beneath, except at the tip. Fore wings rounded at the tips, with gilded yellow marks; these consist of a large spot on the interior border close to the base, of a band, of an exterior spot on the interior border, and of a submarginal band; this band is composed of

two spots, of which the hind one is about one-fourth of the size of the fore one. Hind wings gilded yellow towards the base. Length of the body 4 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

14. Incurvaria basiplaga.

Mas. *Cuprea; caput flavum; antennæ pubescentes, articulo 1o valido elongato subtus flavo; alæ anticæ vix acutæ, purpureo subtinctæ, macula basali postica maxima lineaque exteriore transversa vix arcuata flavis.*

Male. Cupreous. Head yellow. Antennæ pubescent; first joint stout, elongated, yellow beneath. Fore wings slightly tinged with purple, hardly acute, with a very large yellow spot, which rests on the interior border and extends nearly to the base and to the costa; an exterior transverse yellow line, which is hardly curved inward. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. Australia. From Mr. Damel's collection.
b. Sydney. From Mr. Lambert's collection.
c. Sydney. From Mr. Diggles' collection.

15. Incurvaria proximella.

Mas. *Cupreo-purpurea; caput luteum; palpi albidi, breves, decumbentes; antennæ pubescentes; alæ anticæ plaga postica basali fasciaque exteriore interrupta atomaria aurato-flavis, costa flava; posticæ fimbria postica pallide lutea.*

Male. Cupreous-purple. Head luteous. Palpi whitish, short, decumbent. Antennæ pubescent. Fore wings rounded at the tips, with gilded yellow patch on the interior border close to the base; an exterior gilded yellow band, which is interrupted hindward, abbreviated towards the costa, and composed of speckles; costa mostly yellow; fringe cinereous-brown. Hind wings with the fringe pale luteous, except towards the tips. Length of the body 3 lines; of the wings 7 lines.

a. Moreton Bay. From Mr. Diggles' collection.

16. Incurvaria conjunctella.

Mas. *Obscure cuprea; antennæ dilatatæ; alæ anticæ purpureo tinctæ, spatio basali pallide luteo, lineis quatuor exterioribus transversis arcuatis chalybæis; posticæ subæneo-lutescentes, margine exteriore æneo-fusco.*

Male. Dark cupreous. Palpi pale luteous, short, decumbent. Antennæ dilated. Fore wings tinged with purple, rounded at the tips; basal space pale luteous, except along the costa; four curved chalybeous lines, of which two are exterior, one submarginal and one marginal. Hind wings pale luteous, with a slight æneous tinge; exterior border and fringe æneous-brown. Length of the body 2 lines; of the wings 5 lines.

a. Sydney. From Mr. Lambert's collection.

17. Incurvaria purella.

Fœm. *Purpurascens; caput pubescens; palpi graciles, breves; antennæ flavescentes; alæ anticæ fascia latissima flava; posticæ auratæ.*

Female. Purplish, cinereous beneath. Head pubescent. Palpi slender, not extending beyond the head. Antennæ yellowish. Fore wings with a very broad oblique yellow band before the middle; this band is straight on its outer side, convex on the inner side, and is much narrower on the costa; fringe long. Hind wings gilded; fringe very long. Length of the body 2 lines; of the wings 5 lines.

a. Moreton Bay. From Mr. Diggles' collection.

18. Incurvaria? abditella.

Aurato-ochracea, subtus pallide cinerea; alæ anticæ elongatæ; posticæ fimbria longissima.

Gilded ochraceous, pale cinereous beneath. Wings elongate. Fore wings rounded at the tips; exterior border very oblique; fringe long. Hind wings with the fringe very long towards the interior angle. Length of the body 4 lines; of the wings 10 lines.

a. Moreton Bay. From Mr. Diggles' collection.

New Zealand.

19. Incurvaria basella.

Mas. *Cupreo-fusca ; antennæ subpubescentes ; alæ anticæ striga basali postica pallide flava.*

Male. Cupreous-brown. Antennæ minutely pubescent, less than half the length of the fore wings. Fore wings rounded at the tips, with a short broad pale yellow streak along the basal part of the interior border; exterior border very oblique. Length of the body 4 lines; of the wings 12 lines.

a. New Zealand. Presented by Col. Bolton.

Genus 18. MICROPTERYX.

Micropteryx, *Zl.*—Antispila, *Hb.*—Esperia, *Hb.*

Europe.

1. Micropteryx calthella.

calthella, *L.*

a—d. England. From Mr. Chant's collection.
e. England. From Mr. Foxcroft's collection.
f—m. England.
n, o. Europe. From M. Becker's collection.

2. Micropteryx aruncella.

aruncella, *Scop.*

a. England. From Mr. Foxcroft's collection.

3. Micropteryx Seppella.

Seppella, *F.*—frodevinella, *Dp.*—eximiella, *Zl.*

a. England. From Mr. Foxcroft's collection.

4. Micropteryx aglælla.

aglælla, *Dp.*

5. Micropteryx mansuetella.

mansuetella, *Zl.*

a—*c*. England. From Mr. Chant's collection.
d—*j*. England.

6. MICROPTERYX MYRTETELLA.

myrtetella, *Zl.*

7. MICROPTERYX IMPERFECTELLA.

imperfectella, *Std.*

8. MICROPTERYX ROTHENBACHII.

Rothenbachii, *Frey.*

9. MICROPTERYX PAYKULLELLA.

Paykullella, *Fb.*—sicanella, *Zl.*

10. MICROPTERYX ANDERSCHELLA.

Anderschella, *H.-S.*—ammanella, *Dp.*—allionella, *Zl.*, var.

11. MICROPTERYX AUREATELLA.

aureatella, *Sc.*—allionella, *F.*—Paykullella, *Thnb.*—ammanella, *Hb.*
a—*d*. England.
e. Italy. From Dr. Leach's collection.

12. MICROPTERYX THUNBERGELLA.

Thunbergella, *F.*—rubrifasciella, *Hw.*—Anderschella, *Tr.*—Helwigella, *St.*—depictella, *H.-S.*

13. MICROPTERYX SPARMANNELLA.

Sparmannella, *F.*—auro-purpurella, *Hw.*—cicatricella, *Ztt.*
a—*g*. England.

14. MICROPTERYX SUBPURPURELLA.

subpurpurella, *Hw.*
a, *b*. England. From Mr. Chant's collection.
c—*v*. England.
u. Lerwick. Presented by A. White, Esq.
w—*z*. Europe. From M. Becker's collection.

15. Micropteryx fastuosella.

fastuosella, *Zl.*

16. Micropteryx unimaculella.

unimaculella, *Ztt.*—purpurella, var., *Zl.*—Salopiella, *Sta.*
a—k. England.

17. Micropteryx chrysolepidella.

chrysolepidella, *Klr.*

18. Micropteryx semipurpurella.

semipurpurella, *St.*—Solierella, *Dp.*—amentella, *Zl.*—violacella, *H.-S.*
a—i. England.

19. Micropteryx purpurella.

purpurella, *Hw.*
a—d. England. Presented by E. Shepherd, Esq.
e. England. From Mr. Foxcroft's collection.
f—l. England.

20. Micropteryx subammanella.

subammanella, *Sta.*

North America.

21. Micropteryx luteiceps.

Purpurea, viridi cyaneoque varia; caput luteum, pubescens; antennæ robustæ; alæ posticæ purpureo-cinereæ.

Purple, varied with blue and green. Head luteous, pubescent. Antennæ stout, not more than half the length of the fore wings. Fore wings rounded at the tips. Hind wings purplish cinereous. Length of the body 2 lines; of the wings 6 lines.

a, b. Nova Scotia. From Lieut. Redman s collection.

South America.

22. Micropteryx selectella.

Mas. *Aurea, micans; antennæ pallidæ; alæ anticæ cupreo et purpureo variæ, fascia interiore aurato-flava, linea cyanea exteriore transversa abbreviata; posticæ æneæ.*

Male. Brilliant gold-colour. Palpi and antennæ pale. Fore wings rounded at the tips; disk partly cupreous or purple; a gilded yellow well-defined interior band, and a chalybeous-blue transverse exterior line, which is much abbreviated hindward. Hind wings æneous. Length of the body 1½ line; of the wings 3½ lines.

a. Ega. From Mr. Bates' collection.

South Africa.

23. Micropteryx? electella.

Mas. *Cuprea; antennæ albæ, graciles, alis anticis paullo longiores; alæ anticæ apices versus purpureæ, fascia media angusta flavescente-alba.*

Male. Cupreous. Antennæ white, slender, a little longer than the fore wings. Fore wings purple towards the tips, which are rounded; a narrow yellowish white middle band. Length of the body 1¾ line; of the wings 4½ lines.

a. Port Natal. From M. Gueinzius' collection.

Hindostan.

24. Micropteryx? acutipennis.

Mas. *Cinerea; alæ aureo fimbriatæ; anticæ fusiformes, acutæ, aureo conspersæ; posticæ purpureæ.*

Female. Cinereous. Fringe of the wings gilded. Fore wings elongate-fusiform, acute, thickly covered with minute gilded spangles; under side and hind wings purple. Length of the body 3 lines; of the wings 9 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

25. Micropteryx? unicella.

Mas. *Cervina; caput ochraceum, pilosum; palpi pilosi, oblique ascendentes; antennæ breviusculæ; alæ anticæ punctis marginalibus indistinctis nigricantibus; posticæ purpurascentes.*

Male. Fawn-colour. Head ochraceous, pilose. Palpi pilose, obliquely ascending, not rising higher than the vertex; third joint very minute. Antennæ smooth, rather short. Abdomen linear, extending rather beyond the hind wings. Legs smooth; spurs long. Wings rather broad. Fore wings with indistinct diffuse blackish points along the exterior part of the costa and along the exterior border; under side and hind wings purplish. Length of the body 5 lines; of the wings 12 lines.

a. North Hindostan. Presented by Capt. Strachey.

Genus 19. NEMOPHORA.

Nemophora, *Hb.*

Europe.

1. Nemophora Swammerdamella.

Swammerdamella, *L.*

a—i. England.
j—m. Europe. From M. Becker's collection.
n, o. Germany. From M. Heminghoffen's collection.

2. Nemophora sericinella.

sericinella, *Zl.*

3. Nemophora Schwarziella.

Schwarziella, *Zl.*

a—k. England.

4. Nemophora Panzerella.

Panzerella, *Hb.*

a—e. Europe. From M. Becker's collection.

5. Nemophora Carteri.

Carteri, *Sta.*

6. Nemophora pilulella.

pilulella, *Hb.*—pilella, *Tr.*

7. Nemophora pilella.

pilella, *W. V.*

a. Europe. From M. Becker's collection.
b, *c*. Germany. From M. Heminghoffen's collection.

8. Nemophora metaxella.

metaxella, *Hb.*

a—f. England. Presented by F. Bond, Esq.
g. England.
h, *i*. Europe. From M. Becker's collection.
j, *k*. Germany. From M. Heminghoffen's collection.

South Africa.

9. Nemophora crinigerella.

crinigerella, *Zl.*

Caffraria.

10. Nemophora turpisella.

Mas. *Cana; alæ anticæ atomis punctisque discalibus fuscis, lineis tribus indeterminatis, punctis marginalibus fuscis; posticæ fuscescentes, fimbria cana.*

Male. Hoary, rather stout. Antennæ more than thrice longer than the fore wings. Fore wings rounded at the tips, with brown speckles and points, the latter forming three irregular oblique brown lines; a row of brown marginal points. Hind wings brownish; fringe hoary. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, *b*. South Africa. Presented by Sir A. Smith.
c. South Africa. From M. Dregé's collection.

Australia.

11. Nemophora sabulosella.

Mas. *Cinerea; caput et thorax subflavescentia; antennæ albidæ, fuscescente annulatæ; pedes validi; alæ anticæ cervino reticulatæ.*

Male. Cinereous. Head and thorax with a slight yellowish tinge. Antennæ whitish, very long, with very numerous brownish rings. Abdomen extending much beyond the hind wings. Legs stout. Fore wings thickly and minutely reticulated with fawn-colour, darkest along the costa. Length of the body 3 lines; of the wings 9 lines.

a. Australia. From Mr. Damel's collection.

Genus 20. ADELA.

Adela, *Latr.*—Epityphia, *Hb.*—Nemotois, *Hb.*—Capillaria, *Hw.*

Europe and the neighbouring regions.

1. Adela fibulella.

fibulella, *W. V.*—Frischii, *Hw.*—Latreillela, *St.*—pulchella, *Ev.*

a—i. England.
j—k. Europe. From M. Becker's collection.
l. Germany. From M. Heminghoffen's collection.

2. Adela leucocerella.

leucocerella, *Sc.*—bimaculella, *F. R.*—conformella, *Zl.*

3. Adela rufifrontella.

rufifrontella, *Tr.*—aurifrontella, *Dp.*

a. Europe. From M. Becker's collection.

4. Adela cyanella.

cyanella, *Mn.*

5. Adela canalella.

canalella, *Ev.*

6. Adela rufimitrella.

rufimitrella, *Sc.*—Frischella, *Hb.*—Reaumurella, *St.*—purpuratella, *Mn.*

a. England. From Mr. Bouchard's collection.
b—m. England.
n. Europe. From M. Becker's collection.

7. ADELA VIOLELLA.

violella, *Tr.*—tombacinella, *F. R.*

a—c. Europe. From M. Becker's collection.

8. ADELA MAZZOLELLA.

Mazzolella, *Hb.*

9. ADELA PALUDICOLELLA.

paludicolella, *Mn.*

10. ADELA ALBICINCTELLA.

albicinctella, *Schl.*

11. ADELA HOMALELLA.

homalella, *Std.*

12. ADELA REPETITELLA.

repetitella, *Mn.*

13. ADELA AUSTRALIS.

australis, *H.-S.*

14. ADELA BASELLA.

basella, *Ev.*

15. ADELA ASSOCIATELLA.

associatella, *F. R., Zl.*

16. ADELA SULZELLA.

Sulzella, *W. V.*—fasciata, *Naturf.*—Degeerella, *Sc.*—Podælla, *Dn.*—Sultzii, *Hw.*—Sultzella, *Dp.*—Sultzeriella, *Zl.*—laqueatella, *Zl.*

a—c. England. From Mr. Foxcrofts' collection.
d—n. England.
o—r. Europe. From M. Becker's collection.
s. Germany. From M. Heminghoffen's collection.
t. Italy. From Dr. Leach's collection.

17. Adela religatella.

religatella, *Zl.*

18. Adela Degeerella.

Degeerella, *L.*—striatella, *F.*—Sulzella, *Schr.*—Cræsella, *Sc.*—phryganoides, *Retz.*—Geerella, *Hb.*—Degeeri, *Hw.*

a. England. From Mr. Chant's collection.
b—k. England.
l, m. Europe. From M. Becker's collection.
n, o. Germany. From M. Heminghoffen's collection.

19. Adela congruella.

congruella, *F. R., Zl.*

20. Adela Ochsenheimerella.

Ochsenheimerella, *Hb.*

21. Adela viridella.

viridella, *Sc.*—Reaumurella, *Clk.*—Sphingiella, *Hb.*—viridis, *Hw.*

a—m. England.
n, o. Germany. From M. Heminghoffen s collection.

22. Adela cuprella.

cuprella, *W. V.*—æneella, *Ztt.*—crinitella, *Ztt.*

a. England.
b. Germany. From M. Heminghoffen's collection.

23. Adela Speyeri.

Speyeri, *Zl.*

24. Adela adamantella.

adamantella, *Kln.*

25. Adela pantherella.

pantherella, *Gn.*
Algiers.

North America.

26. Adela purpurea.

Mas. *Obscure purpurea; caput pilosissimum; antennæ alis anticis plus duplo longiores; alæ anticæ cupreo conspersæ, fascia exteriore angusta lineaque submarginali transversa arcuata albis; posticæ cupreæ.*

Male. Dark purple. Head very pilose. Antennæ much more than twice longer than the fore wings. Fore wings with cupreous spangles; a narrow white band beyond the middle, and with a subapical transverse curved white line. Hind wings cupreous. Length of the body 3 lines; of the wings 9 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

27. Adela bellela.

Fœm. *Purpureo-cuprea; caput luteum; antennæ corpore multo longiores, apices versus albidæ; alæ anticæ fascia aurato-flava cyaneo marginata, spatio interiore aurato lineis cyaneis aut purpureis, lineis exterioribus auratis.*

Female. Purplish cinereous. Head luteous. Antennæ stout, whitish towards the tips, much longer than the body. Fore wings with a bright gilded yellow exterior band, bordered with blue; interior space gilded, with four blue or purple stripes; exterior space with eight gilded stripes. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Closely allied to *A. Degeerella*.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

South Africa.

28. Adela albicornis.

Mas. *Cupreo-purpurea; palpi pilosissimi, capitis latitudine paullo longiores; alæ anticæ fascia media guttaque costali exteriore flavis.*

Male. Cupreous-purple. Palpi black, thickly clothed with long hairs, a little longer than the breadth of the head. Antennæ white, more than twice longer than the fore wings. Fore wings with a yellow middle band, and with a yellow costal dot beyond

three-fourths of the length. Length of the body 3½ lines; of the wings 9 lines.

a—c. Natal. From M. Guenzius' collection.

29. Adela laurella.

Laurella, *Nwm.*

Australia.

Australia.

30. Adela cæruleella.

Mas. *Saturate cyanea, purpureo-varia; antennæ alis anticis triplo longiores, apices versus albæ; tarsorum articuli apice argentei.*

Male. Dark blue, varied with purple. Head dull ochraceous. Antennæ white towards the tips, about thrice longer than the fore wings. Joints of the tarsi with silvery white tips. Length of the body 2½—3 lines; of the wings 6—7 lines.

a. Australia. Frm Mr. Damel's collection.
b, c. ———— ?

Genus 21. NEMOTOIS.

Nemotois, *Hb.*—Epityphia, *Hb.*—Adela, *Gn.*

Europe and the neighbouring regions.

1. Nemotois scabiosellus.

scabiosella, *Sc.*—Frischella, *Schr.*—viridella, *Hb.*—sphingiella, *Hb.*
cuprea, *Hw.*—cuprella, *St.*—ærosellus, *F. R.*

a—f. England. Presented by F. Bond, Esq.
g—j. England.
k, l. Europe. From M. Becker's collection.
m, n. Germany. From M. Heminghoffen's collection.

2. Nemotois Pfeifferellus.

Pfeifferella, *Hb.*

3. Nemotois Latreillellus.

Latreillella, *F.*

a, *b*. Europe. From M. Becker's collection.
c. Sicily.

4. Nemotois Raddellus.

Raddella, *Hb.*

5. Nemotois pantherellus.

pantherellus, *Gn.*

Algeria.

6. Nemotois cupriacellus.

cupriacella, *Hb.*—cypriacella, *Hb.*

a, *b*. England. Presented by F. Bond, Esq.
c—*i*. England. Presented by B. Piffard, Esq.
j, *k*. Germany. From M. Heminghoffen's collection.

7. Nemotois istrianellus.

istrianellus, *H.-S.*

8. Nemotois violellus.

violella, *W. V.*

9. Nemotois Annæ.

Annæ, *Mn.* (*MSS.*), *Zl.*

10. Nemotois prodigellus.

prodigellus, *Zl.*

Brussa.

11. Nemotois Schiffermillerellus.

Schiffermillerella, *W. V.*—fasciella, *F.*—fascia, *Hw.*

a. England. From Mr. Chant's collection.
b—*d*. England. From Mr. Bouchard's collection.
e—*k*. England.
l, *m*. Europe. From M. Becker's collection.
n, *o*. Germany. From M. Heminghoffen's collection.

12. Nemotois lenellus.

lenellus, *Zl.*

13. Nemotois mollellus.

mollellus, *Hb.*

14. Nemotois minimellus.

minimella, *W. V.*

a—h. England. From Mr. Bouchard's collection.
i—l. England.

15. Nemotois barbatellus.

barbatellus, *Zl.*

16. Nemotois chalcochrysellus.

chalcochrysellus, *Mn.*

17. Nemotois albiciliellus.

albiciliellus, *Std.*

18. Nemotois Dumerilellus.

Dumerilella, *Dp.*—inauratella, *Dp.*

Africa.

19. Nemotois parvella.

Mas. *Aurea, micans; oculi connexi; alæ anticæ macula costali trigona fasciaque submarginali luteis nigro marginatis.*

Male. Brightly gilded. Eyes connected above. Antennæ very long. Fore wings with a luteous triangular spot, which rests on the costa and extends to the disk, and is bordered with black on each side; a luteous submarginal band, widening hindward and bordered with black. Length of the body 3 lines; of the wings 8 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Asia.

20. Nemotois indica.

Mas. *Aurea, micans; oculi fere contigui; antennæ alis anticis plus duplo longiores; alæ anticæ fascia aurata nigro marginata,*

spatio exteriore atomis aureis. Var. β.—*Major; alæ anticæ strigis duabus basalibus flavis, fascia latiore pallidiore chalybæo marginata.*

Male. Brightly gilded. Eyes nearly contiguous. Antennæ more than twice longer than the fore wings. Fore wings with a gilded band beyond the middle, bordered with black on each side; exterior space purple, with numerous gilded speckles. Hind wings purple. *Var.* β.—Larger. Fore wings with two yellow streaks near the base; band paler, broader, bordered with chalybeous on each side; exterior space with fewer gilded speckles. Length of the body 3—3½ lines; of the wings 7—8 lines.

a—c. South Hindostan. Presented by M. J. Walhouse, Esq.

21. Nemotois sinicella.

Mas. *Pallide aurata; antennæ alis anticis plus duplo longiores; alæ anticæ dimidio exteriore cupreo purpureoque micante, striga costali arcuata flava; posticæ purpurascente-cupreæ.*

Male. Purple. Eyes large and prominent, connected above. Hind tibiæ broadly fringed. Wings rather broad. Fore wings somewhat rounded at the tips, thickly covered with minute gold spangles; a yellow hardly oblique band, which is broadest hindward, and is divided on each side by a hardly undulating black line from a narrow chalybeous band. Hind wings with a cupreous fringe. Length of the body 4 lines; of the wings 12 lines.

a. Sumatra. From Sir Stamford Raffles' collection.

22. Nemotois decisella.

Mas. *Purpurea; alæ anticæ latiusculæ, aureo conspersæ, fascia media flava vix obliqua nigro marginata, fasciis duabus angustis chalybæis; posticæ cupreo fimbriatæ.*

Male. Pale gilded. Antennæ more than twice longer than the length of the fore wings. Fore wings slightly rounded at the tips; exterior half brilliant cupreous, varied with purple; a yellow curved streak in front, joining the costa at each end. Hind wings purplish cupreous. Length of the body 2½—3 lines; of the wings 7—8 lines.

a—d. China. Presented by G. T. Laye, Esq.

Australasia.

23. Nemotois aurisparsella.

Mas. *Læte purpureo-cuprea ; antennæ nigræ, longissimæ ; thorax auratus ; alæ anticæ dimidio basali flavo guttis quatuor auratis tumidis ; posticæ basi flavescente-cinereæ subhyalinæ.*

Male. Bright purple-cupreous. Eyes large, prominent. Antennæ black, very long. Thorax gilded. Wings comparatively broad. Fore wings slightly rounded at the tips; more than half the surface from the base yellow, with four small tumid gilded dots, one basal, the other three in the middle of the wing. Hind wings yellowish cinereous and slightly hyaline towards the base. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

24. Nemotois sparsella.

Mas. *Cuprea, micans ; antennæ nigræ, alis anticis duplo longiores ; alæ anticæ fascia nigra lata obliqua albido conspersa ; posticæ purpureæ.*

Male. Brilliant cupreous. Antennæ black, twice the length of the fore wings. Fore wings with a broad oblique black band, which is thickly covered with whitish elongated very minute speckles. Hind wings purple. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a, *b*. Australia. From Mr. Damel's collection.

Genus 22. CEROMITIA.

Ceromitia, *Zl.*

1. Ceromitia Wahlbergi.

Wahlbergi, *Zl.*

Var.? Mas. *Alba ; antennæ alis anticis quadruplo longiores ; alæ anticæ fasciis quinque, punctis exterioribus lineaque marginali cupreis ; posticæ flavescente-cinereæ.*

Var.? *Male.* White. Antennæ four times the length of the fore wings. Abdomen, hind wings and under side yellowish cinereous. Fore wings with five cupreous bands; first band basal; second oblique; third and fourth united towards the costa; fifth straightened

or interrupted hindward; a few exterior points and the marginal line cupreous. Length of the body 4 lines; of the wings 12 lines.

a, *b*. Port Natal. From M. Gueinzius' collection.

Genus 23. SENTICA.

Mas et fæm. Corpus sat robustum. Proboscis nulla. Palpi porrecti, graciles, lanceolati, caput perpaullo superantes, subtus pilosi. Antennæ glabræ, gracillimæ. Abdomen alas posticas paullo superans. Pedes validi, calcaria longa. Alæ anticæ latiusculæ, apice rotundatæ. *Mas.*—Abdomen lateribus apicem versus fasciculatis. *Fœm.*—Oviductus exsertus.

Male and female. Body rather stout. Proboscis obsolete. Palpi slender, lanceolate, porrect, extending very little beyond the head, pilose beneath; third joint less than half the length of the second. Antennæ smooth, very slender. Abdomen extending a little beyond the hind wings, thickly pilose on each side in the male; oviduct of the female exserted. Legs stout; spurs long. Wings rather broad. Fore wings rounded at the tips; costa and exterior border hardly convex, the latter moderately oblique.

1. SENTICA OPPOSITELLA.

Mas et fœm. *Nigro-viridis; caput subtus album; antennæ albo annulatæ; abdominis latera apicem versus luteo pilosa; alæ anticæ fasciis quatuor guttularibus albis, 1a integra postice abbreviata, puncto apicali albo; posticæ purpureo-cupreæ, punctis tribus marginalibus albis, venis fimbriaque viridinigris.* Var. Mas.—*Alæ anticæ punctis duobus intermediis albis.*

Male and female. Deep greenish black. Head beneath and fore coxæ white. Antennæ with very numerous white rings. Abdomen of the male with black hairs on each side, except towards the tip, where the hairs are luteous. Fore wings with four irregular bands composed of elongated white dots; first band entire, abbreviated hindward; second composed of two dots; third of three dots; fourth of four dots; a white apical point. Hind wings purplish cupreous; veins and fringe greenish black; a white dot at the end of the interior border; two white points near the exterior border, one towards the interior angle, the other towards the tip. Length of the body 3—3½ lines; of the wings 7—8 lines.

a. Australia. From Mr. Damel's collection.
b, *c*. Australia. From Mr. Argent's collection.
d. Australia. From Mr. Stutchbury's collection.
e. Australia. Presented by the late Earl of Derby.

Var. Male. Two white points between the second and third bands of the fore wings; second and third dots of the fourth band connected and forming a streak, which extends over the fringe.

f. Java. From the East India Company's collection.

2. Sentica? punctiferella.

Mas. *Cuprea; caput flavescens; palpi brevissimi, gracillimi; antennæ cinereæ, pubescentes; alæ anticæ basi lutescentes cupreo conspersæ, fasciis duabus angustis punctisque marginalibus albidis, fascia 2a valde abbreviata; posticæ auratoflavæ, cupreo late marginatæ.*

Male. Cupreous. Head yellowish above. Palpi cinereous, porrect, very short and slender. Antennæ cinereous, pubescent. Fore wings slightly rounded at the tips, pale luteous, and speckled with cupreous at the base and along part of the interior border; two narrow whitish bands, one interior, the other exterior and much abbreviated hindward; a row of whitish points along the exterior border and along the adjoining part of the costa and of the interior border. Hind wings gilded yellow, broadly and diffusedly bordered with cupreous. Length of the body $3\frac{1}{2}$? lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

3. Sentica? glabrella.

Mas. *Obscure cupreo-purpurea; vertex cinereus; palpi brevissimi, gracillimi; antennæ gracillimæ; abdomen fasciculo apicali lutescente; alæ anticæ longiusculæ, sat angustæ, fasciis duabus, maculis tribus strigaque transversa apicali albis.*

Male. Dark cupreous-purple. Vertex cinereous. Palpi extremely short and slender. Antennæ very slender. Abdomen extending rather beyond the hind wings; apical tuft large, pale luteous. Wings rather long and narrow. Fore wings slightly rounded at the tips, with two white bands, one interior, the other exterior; three white spots between the bands, two on the costa, the

third on the interior border; a white interrupted transverse streak on the exterior border. Length of the body 3 lines; of the wings 8 lines.

a. Sydney. From Mr. Lambert's collection.

Genus 24. SEZERIS.

Mas. Corpus sat robustum. Proboscis nulla. Palpi porrecti, acuti, caput perpaullo superantes, articulo 3o minimo. Antennæ validæ, setis pubescentibus. Abdomen alas posticas vix superans, fasciculo apicali minimo. Pedes breves, robusti, læves, calcaribus longis validis. Alæ anticæ latiusculæ, apice rotundatæ, margine exteriore perobliquo.

Male. Body rather stout. Proboscis obsolete. Palpi porrect, acute, extending very little beyond the head; third joint very minute. Antennæ stout, tapering, with pubescent bristles. Abdomen hardly extending beyond the hind wings; apical tuft very small. Legs short, stout, smooth; hind tibiæ with four long stout spurs. Wings rather broad. Fore wings somewhat rounded at the tips; costa almost straight; exterior border slightly convex, very oblique; fourth inferior vein remote from the other three.

1. SEZERIS CONFLICTELLA.

Mas. *Nigra; antennæ subtus ferrugineæ; thorax flavo binotatus; alæ anticæ atomis maculisque quinque costalibus flavis; posticæ flavæ, margine latissimo flavo maculas sex flavas includente.*

Male. Black. Antennæ ferruginous beneath. Thorax with a yellow mark on each side in front. Tibiæ and tarsi with yellow bands. Wings with a whitish fringe. Fore wings with yellow speckles and with five yellow costal spots. Hind wings yellow, with a very broad black border, which contains six yellow spots; two of these are costal, two apical, and two near the end of the interior border. Length of the body 3 lines; of the wings 8 lines.

a. Tasmania. From the Entomological Society's collection.

Genus 25. TORTYRA.

Mas. Corpus squamosum, sat gracile. Proboscis mediocris. Palpi porrecti, squamosi, capitis latitudine breviores, articulo 3o conico. Antennæ setulosæ, dimidio basali dilatatæ squamosæ. Abdomen alas posticas non superans. Pedes læves, calcaribus longis. Alæ anticæ latæ, apice subrotundatæ, margine exteriore vix obliquo.

Male. Body squamous, smooth, rather slender. Proboscis moderately long. Palpi porrect, squamous, shorter than the breadth of the head; third joint conical, minute, not more than one-fourth of the length of the second. Antennæ setulose, dilated and squamous for more than half the length from the base. Abdomen not extending beyond the hind wings. Legs smooth; spurs long. Wings broad. Fore wings slightly rounded at the tips; costa straight; exterior border hardly oblique.

1. TORTYRA SPECTABILIS.

Mas. *Læte purpurea; antennæ albo fasciatæ, apice nigræ; alæ anticæ dimidio basali cinereo conspersæ, striga basali atra, fascia exteriore metallica versicolori atro marginata, spatio exteriore cyaneo submarginata; posticæ cupreæ.*

Male. Bright metallic purple. Antennæ purple, with a white band towards the tips, which are black. Abdomen and hind wings cupreous. Fore wings very thickly and minutely speckled with cinereous on more than half the length from the base; a minute deep black streak on the base of the costa; two deep black lines before the middle, including a band which varies in hue from purple to green and to pale chalybeous-blue; exterior part tinged with blue along the speckled part and along the fringe. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a—e. Ega. From Mr. Bates' collection.
f. Santarem. From Mr. Bates' collection.

2. TORTYRA AURIFERALIS.

Mas. *Cuprea; thorax cinereo conspersus, lateribus auratis; alæ anticæ læte auratæ, spatio medio cinereo consperso fasciam auratam atro marginatam includente.*

Male. Cupreous. Thorax thickly and minutely cinereous-speckled, brightly gilded on each side. Fore wings brightly gilded; middle space very thickly and minutely cinereous-speckled, including a bright gilded band, which is bordered by two deep black lines. Length of the body $2\frac{1}{2}$ lines; of the wings 7 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 26. SABATINCA.

Mas. Corpus gracile. Caput dense hirsutum. Proboscis nulla. Palpi pilosi, brevissimi, decumbentes. Antennæ breves, incrassatæ, fasciculo basali longo. Abdomen alas posticas superans. Pedes validi, subpilosi; calcaria longa. Alæ anticæ angustæ, apice rotundatæ, margine exteriore valde obliquo.

Male. Body slender. Head densely pilose; hairs erect. Proboscis obsolete. Palpi decumbent, pilose, very short. Antennæ short, incrassated, with a long dense basal tuft. Abdomen extending beyond the hind wings. Legs stout, slightly pilose; spurs long. Wings narrow; fringe broad. Fore wings rounded at the tips; costa and exterior border nearly straight, the latter extremely oblique.

1. Sabatinca incongruella.

Mas. *Obscure ochracea; antennæ nigro bifasciatæ; abdomen nigricans; alæ anticæ nigro subconspersæ, punctis costalibus nigris, lituris costalibus aurato-flavis, 2a lata elongata; posticæ nigro-purpureæ.*

Male. Dark ochraceous. Antennæ with two black bands; second band apical. Abdomen blackish. Fore wings with a few black speckles; costa with black points and with some gilded yellow marks; of these the second forms a broad oblique streak, which extends to the disk and is much more conspicuous than the others; fringe yellow; under side and hind wings blackish purple. Length of the body 2—$2\frac{1}{4}$ lines; of the wings $4\frac{1}{2}$—5 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

Genus 27. NIGILGIA.

Fœm. Corpus robustum, glabrum, squamosum. Proboscis valida. Palpi porrecti, caput non superantes, articulo 3o minimo. Antennæ robustæ, thorace non longiores. Pedes breves, validi.

Alæ anticæ breviusculæ, latiusculæ, vix acutæ, margine exteriore subobliquo.

Female. Body stout, smooth, squamous. Proboscis moderately long. Palpi porrect, not extending beyond the head; third joint extremely minute. Antennæ stout, smooth, not longer than the thorax. Legs short, stout. Wings rather short and broad. Fore wings hardly acute; exterior border slightly oblique.

1. Nigilgia adjectella.

Fœm. *Cuprea; corpus subtus albidum; alæ anticæ lineis plurimis e atomis cinereis, fasciis duabus atris cupreo lineatis.*

Female. Cupreous, shining. Body whitish beneath. Proboscis tawny. Fore wings with numerous transverse lines composed of minute cinereous speckles; two deep black bands; first band with two cupreous lines; second band with a cupreous line, which emits a streak from its middle to the tip of the wing; two short cupreous streaks, one oblique, in front of the apical part of the first streak, the other transverse, proceeding from the costa and parallel to the line of the second band. Hind wings with a white fringe. Length of the body 3½ lines; of the wings 9 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

Genus 28. TIRASIA.

Mas. Corpus robustum, hirsutum. Proboscis nulla. Palpi hirsuti, squamosi, breves, subascendentes. Antennæ glabræ, breves, validæ. Abdomen alas posticas superans. Pedes robusti, breviusculi; tarsi postici pilosi. Alæ anticæ dense vestitæ, apice subrotundatæ, margine exteriore recto sat obliquo.

Male. Body stout. Head and thorax hirsute, squamous. Proboscis obsolete. Palpi hirsute, squamous, slightly ascending, not longer than half the breadth of the head; third joint extremely short. Antennæ smooth, rather stout, not longer than the thorax. Abdomen pilose, extending rather beyond the hind wings. Legs stout, rather short, densely pilose; spurs long, stout; hind tarsi with long hairs. Wings moderately broad. Fore wings densely clothed, rounded at the tips; exterior border straight, rather oblique; first, second and third inferior veins approximate; fourth remote. Hind wings with the fringe very long along the interior border.

1. Tirasia granulatella.

Mas. *Ferrugineo-fusca; alæ anticæ nigro conspersæ, nigro-fusco strigatæ.* Fœm.?—*Palpi dense pilosi, caput longe superantes; tarsi postici non pilosi; alæ anticæ margine exteriore minus obliquo.*

Male. Ferruginous-brown, cinereous-brown beneath. Abdomen and hind wings brown. Fore wings minutely speckled with black, minutely and transversely streaked with blackish brown. Length of the body 6 lines; of the wings 14 lines.

a. Villa Nova. From Mr. Bates' collection.

Female? Palpi porrect, densely pilose, extending much beyond the head, nearly as long as the breadth of the latter. Abdomen shorter, less pilose. Hind tarsi not pilose. Fore wings less ferruginous; exterior border less oblique. Length of the body 5½ lines; of the wings 13½ lines.

b. Santarem. From Mr. Bates' collection.
c. Honduras. From Mr. Dyson's collection.

Genus 29. TISSA.

Mas. Corpus robustum, squamoso, hirsutum. Proboscis nulla. Palpi porrecti, robusti, lanceolati, capitis latitudine non breviores. Antennæ subpectinatæ. Abdomen alas posticas longe superans. Pedes robusti; tibiæ posticæ pilosæ, calcaribus longis. Alæ anticæ squamosæ, angustæ, apice rotundatæ, margine exteriore perobliquo.

Male. Body stout, squamous, hirsute. Proboscis obsolete. Palpi porrect, stout, lanceolate, as long as the breadth of the head; third joint lanceolate, a little shorter than the second. Antennæ slightly pectinated, more than half the length of the body. Abdomen extending much beyond the hind wings; apical tuft lage. Legs stout; hind tibiæ pilose; spurs long. Wings narrow. Fore wings squamous, rounded at the tips; costa quite straight; exterior border convex, very oblique.

1. Tissa inquinatalis.

Mas. *Ferrugineo-fusca; pedes cinereo fasciati; alæ anticæ nigro conspersæ, fasciis tribus cinereis interruptis indeterminatis, fimbria cinerea fusco strigata; posticæ purpureo-fuscæ.*

Male. Ferruginous-brown, purplish brown beneath. Abdominal tuft cinereous towards the tip. Legs with cinereous bands. Fore wings with black speckles, and with three irregular and interrupted cinereous bands; fringe cinereous, with six brown streaks. Hind wings purplish brown; fringe cinereous, interlined with brown near the base. Length of the body 4 lines; of the wings 9 lines.

a. South Africa. From Mr. Trimen's collection.

2. Tissa? connexalis.

Mas. *Obscure cinerea; caput et abdomen argenteo-cinerea; palpi pubescentes, articulo 3o conico; antennæ late pectinatæ; alæ anticæ punctis marginalibus nigris, maculis duabus strigaque exteriore undulata furcata obscure fuscis nigro et argenteo marginatis, fimbria argenteo strigata; posticæ fuscescente-cinereæ.*

Male. Dark cinereous, paler beneath. Head and abdomen silvery cinereous. Palpi pubescent; third joint conical, less than one-fourth of the length of the second. Antennæ broadly pectinated. Abdomen extending rather beyond the hind wings. Fore wings with a few black points near the base, and with three dark brown marks, which have black and silvery borders; these marks consist of two interior spots and a broad exterior undulating streak, which is forked towards the costa; marginal line silvery, with an exterior blackish border, which is interrupted by some silvery streaks on the brownish cinereous fringe. Hind wings brownish cinereous; fringe whitish, interlined with brownish cinereous. Length of the body 5 lines; of the wings 12 lines.

a. South Africa. From Mr. Trimen's collection.

Genus 30. ALAVONA.

Mas. Corpus robustum. Proboscis nulla. Palpi validi, breves, subpilosi; articulus 3us longi-conicus. Antennæ pectinatæ. Abdomen alas posticas superans; fasciculus apicalis sat magnus. Pedes robusti; tibiæ pubescentes, calcaribus longissimis. Alæ anticæ sat angustæ, vix acutæ.

Male. Body stout. Proboscis obsolete. Palpi stout, porrect, slightly pilose, much shorter than the breadth of the head; third joint elongate-conical, about half the length of the second. Antennæ moderately pectinated. Abdomen extending somewhat beyond the hind wings; apical tuft rather large. Legs stout; tibiæ pubescent;

spurs very long. Wings rather narrow. Fore wings hardly acute; costa straight; exterior border moderately oblique; third inferior vein rather more distant from the fourth than from the second.

1. Alavona indecorella.

Mas. *Cinereo-fusca; caput subcervino-cinereum; alæ anticæ nigricante conspersæ; posticæ fusco conspersæ.*

Male. Cinereous-brown, more cinereous beneath. Head and apical tuft of the abdomen cinereous, with a slight tinge of fawn-colour. Fore wings very minutely blackish-speckled. Hind wings more cinereous, very minutely brown-speckled. Length of the body 5 lines; of the wings 12 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

2. Alavona barbarella.

Mas. *Cinereo-cervina; palpi caput vix superantes; abdomen alas posticas longe superans; alæ anticæ fasciis duabus obliquis interruptis indeterminatis e squamis nigris; posticæ cinereæ.*

Male. Cinereous fawn-colour. Palpi hardly extending beyond the head. Thorax and fore wings with many black scales. Abdomen cinereous, extending much beyond the hind wings; apical tuft rather large, tinged with fawn-colour. Fore wings with two oblique very incomplete and much interrupted bands formed by the speckles. Hind wings cinereous; fringe very long towards the interior angle. Length of the body 7 lines; of the wings 16 lines.

a. Hindostan. Presented by the Secretary of the India Board.

3. Alavona cossusella.

Mas. *Cinerea, crassa, fusco conspersa; palpi subtus fusci, articulo 2o crasso, 3o parvo acuto; tibiæ posticæ pilosæ; alæ anticæ strigis transversis, plagis quinque costaque basi fuscis, fimbria fusco interlineata.*

Male. Cinereous, speckled with brown, very stout. Palpi brown beneath, much shorter than the breadth of the head; second joint thick; third acute, minute. Legs stout; hind tibiæ pilose. Fore wings rounded at the tips, transversely streaked with dark brown; four connected and very irregular brown patches in the exterior disk, and a fifth contiguous to the base of the interior

border; costa brown towards the base; fringe interlined with brown; exterior border slightly convex, moderately oblique. Length of the body 8 lines; of the wings 16 lines.

a. Nepaul. Presented by W. W. Saunders, Esq.

4. Alavona? ursulella.

Mas. *Cinerea; palpi porrecti, læves, sat graciles, articulo 3o lanceolato; antennæ ramis longiusculis; alæ anticæ nigro conspersæ, apice subrotundatæ.*

Male. Cinereous. Palpi porrect, smooth, rather slender, extending very little beyond the head; third joint lanceolate, hardly half the length of the second. Antennæ rather broadly pectinated. Fore wings with diffuse black speckles, slightly rounded at the tips. Length of the body 4 lines; of the wings 10 lines.

a, *b*. Sierra Leone. Presented by the Rev. D. F. Morgan.

Genus 31. TOXALIBA.

Mas. Corpus sat robustum. Caput hirsutum. Proboscis nulla. Palpi porrecti, graciles, pilosi, acuti, caput perpaullo superantes, articulo 3o minimo. Antennæ crassæ, squamosæ, setosæ. Pedes validi. Alæ anticæ elongatæ, apice rotundatæ, margine exteriore perobliquo.

Male. Body moderately stout. Head hirsute. Proboscis obsolete. Palpi porrect, slender, acute, pilose, extending very little beyond the head; third joint very minute. Antennæ thick, squamous, with short thick bristles. Legs stout. Wings elongate, moderately broad. Fore wings rounded at the tips; costa and exterior border almost straight, the latter very oblique; three inferior veins; second as far from the first as from the third.

1. Toxaliba reductella.

Mas. *Obscure cupreo-fusca; caput ochraceum; alæ venis nigro-viridibus.*

Male. Dark cupreous-brown. Head ochraceous. Wings with greenish black veins. Hind wings more cupreous than the fore wings. Length of the body 6 lines; of the wings 17 lines.

a. Nepaul. Presented by Major-Gen. Hardwicke.

Genus 32. TORNA.

Mas. Corpus sat robustum. Proboscis nulla. Palpi suberecti, pubescentes, verticem perpaullo superantes; articulus 3us lanceolatus, 2i dimidio non brevior. Antennæ pectinatæ. Abdomen alas posticas superans; sexualia magna. Pedes validi; calcaria longa. Alæ anticæ elongatæ, sat angustæ, apice rotundatæ. *Fœm.*— Antennæ glabræ. Oviductus exsertus.

Male. Body rather stout. Proboscis obsolete. Palpi nearly erect, pubescent, rising very little higher than the vertex; third joint lanceolate, about half the length of the second. Antennæ rather broadly pectinated. Abdomen extending rather beyond the hind wings; apical appendages large. Legs stout; spurs long. Wings elongate, rather narrow. Fore wings rounded at the tips; costa straight; exterior border very oblique; second inferior vein as near to the third as to the first; third nearly twice further from the fourth than from the second. *Female.* — Antennæ simple. Abdomen with a protuberant oviduct.

1. Torna invariella.

Mas. *Cinereo-cervina; alæ posticæ pallidiores.* Fœm.—*Alæ anticæ obscuriores, fusco conspersæ.*

Male. Cinereous fawn-colour. Abdomen and hind wings paler and more cinereous. *Female.*—Fore wings darker than those of the male, with numerous minute diffuse brown speckles. Length of the body $6\frac{1}{2}$ lines; of the wings 19 lines.

a, *b*. North Hindostan. Presented by Capt. Strachey.

Genus 33. EDDARA.

Mas. Corpus crassum, dense pilosum. Proboscis nulla. Palpi porrecti, pilosi, capitis latitudine multo breviores; articulus 3us longi-conicus, 2o brevior. Antennæ glabræ, graciles, breviusculæ. Abdomen alas posticas superans. Pedes robusti, pubescentes; calcaria longa. Alæ anticæ densæ, latiusculæ, apice rotundatæ, margine exteriore convexo sat obliquo.

Male. Body thick, densely pilose. Proboscis obsolete. Palpi porrect, pilose, much shorter than the breadth of the head; third joint elongate-conical, shorter than the second. Antennæ smooth, slender, about half the length of the fore wings. Abdomen extending

rather beyond the hind wings. Legs stout, pubescent; spurs long. Wings dense, rather broad. Fore wings rounded at the tips; exterior border convex, rather oblique.

1. EDDARA XYLINELLA.

Mas. *Fusca; abdomen fusco-cinereum; alæ anticæ punctis costalibus obscure fuscis, vitta discali fusca lata undulata nigro marginata; posticæ fusco-cinereæ.*

Male. Brown. Body beneath and legs cinereous. Abdomen, fore wings beneath and hind wings dark brownish cinereous. Fore wings with indistinct dark brown costal points, and with a broad serpentine brown slightly black-bordered discal stripe. Length of the body 6 lines; of the wings 16 lines.

a. Jamaica. From Mr. Gosse's collection.

Genus 34. CASMARA.

Fœm. Corpus crassum. Proboscis nulla. Antennæ sat validæ. Abdomen alas posticas longe superans. Pedes robusti; tibiæ anteriores dense pilosæ; tibiæ posticæ bifasciculatæ; tarsi postici crassi, pilosi. Alæ anticæ longæ, subacutæ, margine exteriore perobliquo.

Female. Body thick. Proboscis obsolete. Antennæ smooth, rather stout. Abdomen extending much beyond the hind wings. Legs stout; anterior tibiæ densely clothed with long hairs; hind tibiæ with two thick tufts of hairs, the second apical; spurs moderately long; tarsi thick, pilose. Wings long. Fore wings slightly acute; costa and exterior border nearly straight, the latter very oblique.

1. CASMARA INFAUSTELLA.

Fœm. *Cinerea, fusco conspersa; alæ anticæ atomis strigaque interrupta nigris, spatio marginali purpureo-fusco, lunulis submarginalibus albidis, guttis marginalibus nigris.*

Female. Cinereous, thickly speckled with brown. Hairs of the legs mostly tipped with black. Fore wings with some black speckles, a few of which form an interrupted streak in the disk; space along the exterior border purplish brown, including a submarginal line of whitish lunules, which are contiguous to black marginal dots. Length of the body 8 lines; of the wings 22 lines.

a. North Hindostan. From Mr. James' collection.

Genus 35. TIQUADRA.

Fœm. Corpus sat robustum. Proboscis nulla. Palpi porrecti, laterales, pilosi, capitis latitudine longiores; articulus 2us arcuatus; 3us rectus, linearis. Pedes antici brevissimi. Tibiæ posticæ fimbriatæ. Alæ anticæ longæ, angustæ, apice subrotundatæ, disco fasciculato, margine exteriore perobliquo.

Female. Body rather stout. Proboscis obsolete. Palpi pilose, porrect on each side of the head, longer than the breadth of the latter; second joint curved; third straight, linear, a little shorter than the second. Legs rather stout; fore legs very short; posterior tibiæ fringed; spurs very long. Wings long, narrow; fringe long. Fore wings slightly rounded at the tips, with some small tufts of erect hairs; exterior border extremely oblique.

1. TIQUADRA INSCITELLA.

Fœm. *Cana; alæ anticæ nigro conspersæ, fusco guttatæ.*

Female. Hoary. Wings with an æneous tinge beneath. Fore wings with very minute black speckles, and with brown dots, which are most distinct along the borders. Hind wings rather paler than the fore wings. Length oi the body 5 lines; of the wings 14 lines.

a. Mexico. From Mr. Argent's collection.

Genus 36. DROSICA.

Mas. Corpus robustum. Proboscis nulla. Palpi deflexi, capitis latitudine non breviores; articulus 2us dense pilosus; 3us acutus, parvus. Antennæ validæ, setulosæ. Abdomen attenuatum, fasciculo apicali parvo. Pedes validi; tibiæ posticæ pilosæ. Alæ anticæ acutæ, angustæ.

Male. Body stout. Proboscis obsolete. Palpi diverging, as long as the breadth of the head; second joint thickly pilose; third acute, minute, not longer than one-fourth of the length of the second. Antennæ stout, setose. Abdomen tapering, extending for its whole length beyond the hind wings; apical tuft small. Legs stout; hind tibiæ pilose; spurs long. Wings narrow, acute; fringe long; exterior border of the fore wings extremely oblique.

1. Drosica abjectella.

Mas. *Albida; alæ anticæ maculis pallide cervinis, atomis plagaque costali exteriore nigris; posticæ æneæ, fimbria albida.*

Male. Whitish. Fore wings with very minute black speckles, some of which form a diffuse patch, which extends from the exterior part of the costa to the disk; several pale fawn-coloured spots. Hind wings æneous; fringe whitish. Length of the body 3 lines; of the wings 7 lines.

a. Cape. From M. Dregé's collection.

2. Drosica? deviella.

Fœm. *Flavescente-cervina, subtus fuscescens; palpi deflexi, subascendentes, articulo 2o subarcuato, 3o longi-conico; alæ anticæ punctis subobscurioribus valde indistinctis, striga exteriore arcuata cervina; posticæ fuscæ.*

Female. Yellowish fawn-colour, stout, brownish beneath. Palpi diverging, slightly ascending, as long as the breadth of the head; second joint stout, slightly curved; third elongate-conical, slender, about one-fourth of the length of the second. Abdomen brown, extending for half its length beyond the hind wings. Legs stout. Fore wings hardly acute, with many very indistinct slightly darker points, and with a curved fawn-coloured streak, which extends along the exterior disk to the tip; exterior border very oblique. Hind wings brown. Length of the body 3 lines; of the wings 8 lines.

a. North Hindostan. From Mr. Stevens' collection.

Genus 37. TIMÆA.

Fœm. Corpus gracile. Caput pilosissimum. Proboscis nulla. Palpi sublineares, læves, acuti, gracillimi, vix ascendentes; articulus 3us 2o brevior. Antennæ graciles. Abdomen alas posticas longe superans. Pedes longi, graciles; tibiæ subpubescentes, calcaribus longis. Alæ anticæ longæ, acutæ, perangustæ; posticæ fimbria longissima.

Female. Body slender. Head very pilose. Proboscis obsolete. Palpi smooth, acute, very slender, nearly linear, hardly ascending, extending rather beyond the head; third joint shorter than the

second. Antennæ smooth, slender, about half the length of the fore wings. Abdomen extending much beyond the hind wings. Legs long, slender; tibiæ slightly pubescent; spurs long. Wings long. Fore wings acute, very narrow; costa straight; exterior border extremely oblique. Hind wings with the fringe very long.

1. Timæa bivittatella.

Fœm. *Argenteo-alba; alæ anticæ costa vittaque discali æneo-cervinis, striga subtus apicali fusca.*

Female. Pure silvery white. Fore wings with the costa and a discal stripe æneous fawn-colour; under side with a slightly æneous disk and with an apical brown streak. Length of the body 4½ lines; of the wings 11 lines.

a. Sydney. From Mr. Diggles' collection.
b. Sydney. From Mr. Lambert's collection.

2. Timæa costella.

Mas. *Alba, subtus æneo-cinerea; caput fasciculatum, vertice fusco; palpi gracillimi, capitis latitudine non longiores, articulo 3o lineari; abdomen cinereum; tibiæ posticæ fimbriatæ; alæ anticæ lanceolatæ, argenteæ, costa fusca; posticæ cinereæ.*

Male. White, æneous-cinereous beneath. Head with a thick prominent tuft, brown between the eyes. Palpi smooth, very slender, as long as the breadth of the head; third joint linear, as long as the second. Antennæ smooth, slender, very much shorter than the fore wings. Abdomen cinereous, extending for half its length beyond the hind wings. Hind tibiæ fringed. Wings long, rather narrow. Fore wings lanceolate, silvery; costa brown; exterior border very oblique. Hind wings cinereous; fringe very long. Length of the body 3½ lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

Genus 38. TOPIRIS.

Mas. Corpus robustum. Proboscis nulla. Palpi brevissimi. Antennæ subpectinatæ, apice setulosæ. Abdomen alas posticas paullo superans, fasciculo apicali magno. Pedes læves; calcaria longissima. Alæ anticæ breviusculæ, latiusculæ, apice subrotundatæ.

Male. Body stout. Proboscis obsolete. Palpi extremely short. Antennæ slightly pectinated for three-fourths of the length from the base, setulose from thence to the tips. Abdomen extending a little beyond the hind wings; apical tuft large. Legs smooth, moderately long and stout; hind tibiæ with four very long spurs. Wings rather short and broad. Fore wings slightly rounded at the tips; costa and exterior border almost straight, the latter rather oblique; first and second superior veins united towards the base; first forked; second and third inferior veins united towards the base.

1. Topiris candidella.

Mas. *Argenteo-alba; antennæ nigræ.*

Male. Silvery white, without any markings. Antennæ black. Length of the body 4 lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 39. TIPANÆA.

Mas. Corpus gracile. Fasciculus apicalis productus. Proboscis nulla. Palpi graciles, subpilosi, oblique ascendentes, verticem non superantes, articulo 3o minimo. Antennæ setulosæ. Abdomen alas posticas paullo superans. Pedes læves, longissimi, gracillimi; calcaria longissima. Alæ anticæ latiusculæ.

Male. Body slender. Frontal tuft prominent. Proboscis obsolete. Palpi slender, slightly pilose, obliquely ascending, not rising higher than the vertex; third joint very minute. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Legs smooth, very long and slender; spurs very long. Fore wings rather broad; costa and exterior border almost straight, the latter moderately oblique; first and second inferior veins contiguous at the base; third about twice further from the fourth than from the second.

1. Tipanæa patulella.

Mas. *Nivea; alæ anticæ subtus pallide fuscescentes; posticæ subtus apud costam pallide fuscescentes.*

Male. Pure white. Fore wings tinged with pale brown beneath. Hind wings tinged with pale brown beneath towards the costa. Length of the body 4 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.
b—d. Sydney. From Mr. Lambert's collection.
e. Australia. From Mr. Damel's collection.

2. Tipanæa innotata.

Mas. *Alba; antennæ breviusculæ; abdomen alas posticas sat superans; alæ nitentes.*

Male. White. Antennæ rather short. Abdomen extending somewhat beyond the hind wings; apical tuft quadrate, moderately large. Wings pure white, shining. Length of the body 5 lines; of the wings 13 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

3. Tipanæa bipunctifera.

Mas. *Albida; alæ anticæ ochraceo pallidissimo subtinctæ, gutta discali exteriore nigra elongata.*

Male. Whitish. Fore wings slightly tinged with very pale ochraceous; an elongated black dot in the exterior part of the disk. Length of the body 4 lines; of the wings 13 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

4. Tipanæa? intactella.

Fœm. *Argenteo-alba; abdomen alas posticas longe superans; pedes longi, graciles, calcaribus longis; alæ anticæ latiusculæ, subacutæ, margine exteriore perobliquo.*

Female. Pure silvery white. Abdomen extending rather beyond the hind wings. Legs long, slender; hind tibiæ with four long spurs. Wings rather broad. Fore wings slightly acute; costa almost straight; exterior border slightly convex, very oblique; third inferior vein very near the second; fourth very remote from the third. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 40. RUPELA.

Mas. Corpus robustum. Proboscis brevis. Palpi porrecti, graciles, caput perpaullo superantes, articulo 3o minimo. Antennæ læves, corporis dimidio vix longiores. Thorax pilis longis erectis. Abdomen alas posticas longe superans, apice quadratum, lateribus

apicem versus subfasciculatis. Pedes longissimi, gracillimi, calcaribus longissimis. Alæ anticæ longæ, latiusculæ, acutæ.

Male. Body stout. Proboscis short. Palpi slender, porrect, extending very little beyond the head; third joint very minute. Antennæ smooth, hardly more than half the length of the body. Thorax with long erect hairs. Abdomen extending much beyond the hind wings, slightly tufted on each side towards the tip, which is quadrate. Legs smooth, very long and slender; spurs very long. Wings long, rather broad. Fore wings acute; costa and exterior border straight, the latter moderately oblique.

1. Rupela nivea.

Mas. *Nivea; corpus subtus cinereum; abdomen apice ochraceum.*

Male. Pure white. Body cinereous beneath. Abdominal segments beneath with white hind borders; tip with short ochraceous hairs. Length of the body 8 lines; of the wings 20 lines.

a. Santarem. From Mr. Bates' collection.
b. Honduras. From Mr. Dyson's collection.
c. ——? From Mr. Milne's collection.
d—f. ——?

2. Rupela occidentella.

Mas. *Alba, nitens; palpi graciles, pilosi, articulo 3o brevissimo; abdominis fasciculus apicalis longiusculus; alæ anticæ vix acutæ, margine exteriore perobliquo.*

Male. White, shining, slender. Palpi porrect, slender, pilose, much shorter than the breadth of the head; third joint very short. Abdomen extending much beyond the hind wings; apical tuft rather long. Wings narrow. Fore wings hardly acute; exterior border very oblique. Length of the body 4 lines; of the wings 9 lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

3. Rupela? degenerella.

Mas. *Alba; palpi caput superantes, articulo 3o longi-conico; thorax pilis nullis erectis; abdomen cinereum, alas posticas longe superans, fasciculis nullis lateralibus; alæ anticæ sat angustæ.*

Male. White. Palpi extending rather beyond the head; third joint elongate-conical, less than half the length of the second. Thorax without erect hairs. Abdomen cinereous, not tufted, extending much beyond the hind wings; apical tuft short, quadrate. Tibiæ with moderately long spurs. Fore wings rather narrow; exterior border very oblique. Length of the body 6 lines; of the wings 16 lines.

a—c. Shanghai. From the Entomological Society's collection.

Genus 41. SALAPOLA.

Mas. Corpus sat robustum. Proboscis longa. Palpi ascendentes, brevissimi. Antennæ subsetulosæ. Pectus fasciculatum. Abdomen alas posticas paullo superans, subtus dense lanuginosum. Pedes læves, sat validi; calcaria parva. Alæ anticæ latæ, subacutæ, costa basi subdilatata, disco subtus fasciculato; posticæ disco antico fasciculato.

Male. Body rather stout. Proboscis long. Palpi ascending, very short. Antennæ minutely setulose. Pectus tufted. Abdomen extending a little beyond the hind wings, densely lanuginous beneath; apical valves large. Legs smooth, rather stout; spurs short. Wings broad. Fore wings slightly acute, with a large woolly tuft in the disk on the under side; costa hardly convex, slightly dilated towards the base; exterior border slightly convex, very oblique; discal areolet and superior veins irregularly formed; fourth inferior vein very remote from the others, descending abruptly to the interior border. Hind wings with a tuft on the fore part of the disk.

1. Salapola argentea.

Mas. *Argenteo-alba; thorax fuscescente-cinereus; abdomen vix flavescens; alæ anticæ fasciculo subtus nigro; posticæ fasciculo testaceo.*

Male. Silvery white. Thorax pale brownish cinereous. Abdomen with a very slight yellowish tinge. Fore wings with a black curled discal tuft on the under side. Hind wings with a woolly testaceous tuft above, corresponding to an ochraceous patch on the under side. Length of the body 7 lines; of the wings 18 lines.

a. Rio Janeiro. From Mr. Stevens' collection.

2. Salopola tinctella.

Fœm. *Argenteo-alba; thoracis pili longi, ascendentes; abdomen alas posticas longe superans; alæ cervino vix suffusæ; anticæ acutæ.*

Female. Silvery white. Thorax with long erect hairs. Abdomen extending much beyond the hind wings. Wings with a very slight tinge of fawn-colour on most of the disk. Fore wings acute; costa and exterior border straight, the latter rather oblique. Length of the body 7 lines; of the wings 18 lines.

a. Venezuela. From Mr. Dyson's collection.

3. Salopola minuella.

Mas. *Argenteo-alba; palpi fere erecti, articulo 3o brevissimo; antennæ setulosæ; abdomen alas posticas perpaullo superans; calcaria parva; alæ subtus fasciculo discali testaceo pubescente; posticæ fasciculo discali piloso testaceo.*

Male. Silvery white. Palpi nearly vertical, not rising so high as the vertex; third joint very short. Antennæ setulose. Abdomen extending very little beyond the hind wings. Legs smooth; hind tibiæ with four short spurs. Wings with a pubescent elongated discal testaceous tuft on the under side. Fore wings acute; exterior border hardly convex, rather oblique. Hind wings with a pilose testaceous tuft on the upper side. Length of the body 5 lines; of the wings 13 lines.

Colombia. In Mr. Saunders' collection.

Genus 42. BONDIA.

Bondia, *Nwm.*

1. Bondia nigella.

nigella, *Nwm.*

Australia.

Fam. 2. HYPONOMEUTIDÆ.

Hyponomeutidæ, *Sta.*

Genus 1. SWAMMERDAMIA.

Swammerdamia, *Hb.*

1. Swammerdamia simplicella.

simplicella, *H.-S.*—ruficeps, *Hnm.*

2. Swammerdamia apicella.

apicella, *Dn.*—comptella, *Hb.*—aurofinitella, *Dp.*

a. England. From Mr. Bouchard's collection.
b, *c.* England. From Mr. Foxcroft's collection.
d—*m.* England.
n. Germany. From M. Heminghoffen's collection.

3. Swammerdamia cæsiella.

cæsiella, *Hb.*—Heroldella, *Hb.*—lutaria, *var.* γ, *Hw.*

a. England. From Mr. Bouchard s collection.
b—*t.* England.

4. Swammerdamia compunctella.

compunctella, *H.-S.*

5. Swammerdamia conspersella.

conspersella, *Tgstr.*

6. Swammerdamia fasciapennella.

fasciapennella, *Sta.*—alpicella, *H.-S.*

7. Swammerdamia nubeculella.

nubeculella, *Tgstr.*

8. Swammerdamia griseocapitella.

griseocapitella, *Sta.*

a. England. From Mr. Bouchard's collection.
b, *c.* England.

9. Swammerdamia oxyacanthella.

oxyacanthella, *Dp.*

a. Germany. From M. Heminghoffen's collection.

10. Swammerdamia pyrella.

pyrella, *Vlrs.*—cerasiella, *Hb.*—cæsia, *Hw.*

a. England. From Mr. Bouchard's collection.
b—m. England.
n, *o.* Europe. From M. Becker's collection.
p. Germany. From M. Heminghoffen's collection.

11. Swammerdamia egregiella.

egregiella, *Dp.*

Genus 2. DISTAGMOS.

Distagmos, *H.-S.*

1. Distagmos Ledereri.

Ledereri, *H.-S.*

Genus 3. CALANTICA.

Calantica, *Zl.*

1. Calantica albella.

albella, *H.-S.*

2. Calantica dealbella.

dealbella, *Zl.*

Genus 4. SCYTHROPIA.

Scythropia, *Hb.*

1. Scythropia cratægella.

cratægella, *L.*

a. England. Presented by E. Shepherd, Esq.
b—*n*. England.
o, *p*. Europe. From M. Becker's collection.
q, *r*. Germany. From M. Heminghoffen's collection.

Genus 5. HYPONOMEUTA.

Hyponomeuta, *Zl.*—Nygmia, *Hb*.

Europe and the neighbouring regions.

1. Hyponomeuta Stannellus.

Stannellus, *Wnr.*—rufimitrellus, *Zl.*

2. Hyponomeuta vigintipunctatus.

vigintipunctatus, *Rtzs.*—sedella, *Tr.*

a—*d*. England. Presented by F. Bond, Esq.
e. England.

3. Hyponomeuta plumbellus.

plumbellus, *W. V.*

a. England. From Mr. Bouchard's collection.
b. England. From Mr. Foxcroft's collection.
c—*k*. England.
l—*o*. Europe. From M. Becker's collection.

4. Hyponomeuta irrorellus.

irrorellus, *Hb*.

a—*c*. England.

5. Hyponomeuta variabilis.

variabilis, *Zl.*—pædella, *Zl.*—evonymella, *Dn*.

a—*m*. England.

6. Hyponomeuta rorellus.

rorellus, *Hb*.

7. Hyponomeuta malinellus.

malinellus, *Zl*.

a, *b*. Germany. From M. Heminghoffen's collection.

8. Hyponomeuta evonymellus.

evonymellus, *Sc.*—cagnagella, *Hb.*—cagnatella, *Hb.*—cognatella, *Tr.*

a. England. From Mr. Stevens' collection.
b—k. England.
l—o. Europe. From M. Becker s collection.
p, *q*. Germany. From M. Heminghoffen's collection.

9. Hyponomeuta Padi.

evonymella ? *L.*—evonymella, *Hb.*—padi, *Zl.*

a—j. England.

North America.

10. Hyponomeuta ordinatellus.

Mas et fœm. *Niveus; thorax punctis duobus anticis quatuorque posticis nigris; alæ anticæ nigro punctato quadrilineatæ.* Mas. *—Abdomen alas posticas longe superans; alæ posticæ nigricante-cinereæ, fimbria alba.*

Male and female. Pure white. Thorax with a black point on each side in front, and with four black points hindward. Fore wings with four regular lines of black points along nearly three-fourths of the length, and with irregular black points from thence to the exterior border. *Male.*—Abdomen extending much beyond the hind wings. Hind wings blackish cinereous; fringe white. Length of the body 4—5 lines; of the wings 10—12 lines.

Canada.

a. United States. Presented by E. Doubleday, Esq.

West Indies.

11. Hyponomeuta paucellus.

Mas. *Pallide schistaceus; caput album; palpi articulo 3o nigro apice albo; thorax nigro quinque guttatus; abdomen nigricans, segmentis albo marginatis, fasciculo apicali luteo; alæ anticæ nigro guttatæ, punctis marginalibus nigris; posticæ albæ, apice æneo-fuscæ.*

Male. Pale slate-colour, with an æneous tinge. Head white. Third joint of the palpi black, except at the tip. Thorax with five black dots, one in front and two on each of the tegulæ. Abdomen blackish; hind borders of the segments white; tip luteous. Fore legs with black bands. Fore wings with twelve black dots; exterior border with a row of black points. Hind wings white, with æneous-brown tips. Length of the body 4½—5 lines; of the wings 13—14 lines.

a, *b*. St. Domingo. From Mr. Tweedie's collection.

12. Hyponomeuta confusellus.

Mas. *Albus; palpi nigro quadrifasciati; thorax pallide schistaceus, nigro quadriguttatus; alæ anticæ strigis nigris, strigulis vittaque postica pallide schistaceis, punctis marginalibus atris; posticæ albæ, semihyalinæ, apice fuscescentes.*

Male. White. Palpi with four black bands. Thorax pale slate-colour, with two black dots on each side. Abdomen cinereous; apical tuft pale yellow. Anterior tibiæ and tarsi with black bands. Fore wings with blackish and with smaller pale slate-coloured streaks, and with a broad stripe of the latter hue along the interior border; marginal points deep black. Hind wings white, iridescent, semihyaline, with pale brown tips. Length of the body 4 lines; of the wings 10 lines.

a, *b*. St. Domingo. From Mr. Tweedie s collection.

South Africa.

13. Hyponomeuta strigillatus.

strigillatus, *Zl.*
South Africa.

14. Hyponomeuta fumigatus.

fumigatus, *Zl.*
Natal.

15. Hyponomeuta perficitellus.

Fœm. *Albus; palpi nigri, albo unifasciati; thorax nigro sex guttatus; abdomen nigricans, e punctis nigris trilineatum, apice album; alæ subtus nigricantes; anticæ punctis plurimis elongatis nigris; posticæ nigricantes.*

Female. White. Palpi black, with a white band. Thorax with four black discal dots, and with a black dot on each shoulder. Abdomen blackish, with three rows of black points; tip white, Tibiæ and tarsi with black bands. Wings blackish beneath. Fore wings with above forty black points, which are elongated and form incomplete transverse lines; a few of these in the disk near the base are more contiguous to each other than the rest. Hind wings blackish. Length of the body 5 lines; of the wings 12—14 lines.

a—c. Port Natal. From M. Gueinzius' collection.

16. Hyponomeuta circumdatellus.

Fœm. *Schistaceus; caput et abdomen pallide lutea; palpi nigro trifasciati; abdominis latera nigro guttata; alæ anticæ guttis discalibus punctisque marginalibus nigris luteo marginatis; posticæ margine interiore fimbriaque flavis.*

Female. Slate-colour. Head, palpi, abdomen and legs pale luteous. Palpi with three black bands. Thorax with a black dot on each side. Abdomen with black dots along each side. Tarsi with black bands. Fore wings with black luteous-bordered marks; these consist of seven dots in the disk and of points along the exterior border and along the adjoining part of the costa. Hind wings yellow along the interior border; fringe yellow. Length of the body 6 lines; of the wings 16 lines.

a. Cape. From M. Dregé's collection.

Asia.

17. Hyponomeuta alienellus.

Mas. *Obscure cinereus; caput nigro quadripunctatum; thorax nigro septem punctatus; femora tibiæque anteriora nigro unipunctata; alæ anticæ punctis plurimis nigris parvis; posticæ subpallidiores.*

Male. Dark cinereous. Head with four black points. Thorax with seven black points. Abdomen extending much beyond the hind wings, with a rather large apical tuft and with two long narrow apical appendages, which are curved downward. Legs with a black point on each of the anterior femora and tibiæ. Fore wings with numerous minute black points. Hind wings a little paler than the fore wings. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

18. Hyponomeuta minuellus.

Fœm. *Albus; thorax nigro sex punctatus; alæ subtus nigricantes, fimbria alba; anticæ punctis plurimis nigris minimis; posticæ nigricantes.*

Female. White. Thorax with six black points. Wings blackish beneath; fringe white. Fore wings with numerous very minute black points. Hind wings blackish. Length of the body 5 lines; of the wings 14 lines.

a. Nepaul. Presented by Major-Gen. Hardwicke.
b, c. Shanghai. From the Entomological Society's collection.
d, e. North China. From Mr. Fortune's collection.

19. Hyponomeuta internellus.

Mas. *Canus; palpi nigri, articulo 2o apice albo; thorax guttis duabus discalibus plagisque duabus lateralibus nigris; abdomen fuscum, punctis lateralibus nigris, segmentis albo marginatis; alæ anticæ punctis plurimis nigris; posticæ obscure cinereæ, margine interiore fimbriaque apud angulum interiorem albis.*

H. pustulella, var. ?

Male. Hoary. Palpi black; tip of the second joint white. Thorax with a black patch on each side in front and with two black discal dots. Abdomen brown, extending much beyond the hind wings, with black points along each side; hind borders of the segments white. Fore wings with about thirty black points, which are arranged differently from those of *H. pustulella*; a few of them form an apical cluster. Hind wings dark cinereous, white along the interior border and along the adjoining part of the exterior border; fringe white towards the interior angle. Length of the body $6\frac{1}{2}$ lines; of the wings 14 lines.

a. Sydney.

20. Hyponomeuta pustulellus.

Fœm. *Canus; caput nigro bipunctatum; palpi nigro bifasciati; thorax lituris duabus anticis transversis punctisque duobus posticis nigris; abdomen fuscescens, punctis lateralibus nigris, segmentis albo marginatis, fasciculo apicali albo; alæ anticæ*

punctis plurimis plagaque submarginali nigris, margine exteriore fimbriaque nigricantibus ; posticæ obscure cinereæ, fimbria apud angulum interiorem alba.

Female. Hoary. Head with a black point on each side in front. Palpi with two black bands. Thorax with two black transverse marks on each side in front and with two black discal points hindward. Abdomen brownish, with black points along each side; a narrow white band on the hind border of each segment; apical tuft white. Tarsi with white bands. Fore wings with about thirty-five black points; a few of these are larger than the others and form two subquadrate clusters hindward; a black submarginal patch, which is contracted hindward; exterior border and fringe blackish. Hind wings dark cinereous; fringe white towards the interior angle. Length of the body 5—6 lines; of the wings 14—16 lines.

a, b. New South Wales. From Mr. Wood's collection.

Genus 6. PSECADIA.

Psecadia, *Hb.*—Erminea, *Hw.*—Anesychia, *Hb.*—Prays, *Hb.*

Europe and the neighbouring regions.

1. Psecadia funerella.

funerella, *F.*

a. England. Presented by E. Shepherd, Esq.
b. England. From Mr. Foxcroft's collection.
c—f. England.

2. Psecadia luctuosella.

luctuosella, *H.-S.*

3. Psecadia decemguttella.

decemguttella, *Hb.*—dodecea, *Hw.*

a—i. England. From Mr. Bouchard's collection.
j, k. England.

4. Psecadia sexpunctella.

sexpunctella, *Hb.*

5. Psecadia fumidella.

fumidella, *Wck.*

6. Psecadia pusiella.

pusiella, *Rmr.*—sequella, *W. V.*—lithospermella, *Hb.*—scalella, *Zl.*

a, *b*. England.
c, *d*. ——— ?

7. Psecadia bipunctella.

bipunctella, *F.*—echiella, *W. V.*

a—*c*. England.
d. ——— ?

8. Psecadia? lardatella.

lardatella, *Ld.*

Damascus ?

9. Psecadia quadrinotella.

quadrinotella, *Mn.*

10. Psecadia quadripunctella.

quadripunctella, *Ev.*

11. Psecadia hæmorhoidella.

hæmorrhoidella, *Ev.*

12. Psecadia flavianella.

flavianella, *Tr.*

13. Psecadia chrysopyga.

chrysopyga, *Zl.*—flavianella (*fæm.*), *Tr.*

14. Psecadia pyrausta.

pyrausta, *Pls.*—atropunctella, *Wnr.*

15. Psecadia flavitibiella.

flavitibiella, *H.-S.*—flavianella, *Ev.*

16. Psecadia aurifluella.

aurifluella, *Hb.*—pyrausta, *Hb.*

West Indies.

17. Psecadia notatella.

Nivea; thorax nigro sex guttatus; pedes nigro fasciati; alæ anticæ guttis discalibus punctisque marginalibus nigris.

Pure white. Palpi and antennæ black. Thorax with six black dots in front, with two on the disk and with two hindward. Tibiæ and tarsi with black bands. Fore wings with about twenty black dots of various size and shape; costa and adjoining part of exterior border with black points. Length of the body 5 lines; of the wings 14 lines.

a. St. Domingo. From Mr. Hearse's collection.

South America.

18. Psecadia? hemichrysella.

Aurato-flava; pedes postici longi, tibiis fimbriatis; alæ anticæ punctis tribus discalibus punctisque marginalibus nigris, vitta postica æneo-fusca; posticæ nigricantes, apice aurato-flavæ.

Gilded yellow. Head somewhat tumid. Tarsi brown above. Hind legs long; tibiæ fringed, brown above, except towards the base. Fore wings hardly acute; an æneous-brown stripe along the interior border, contiguous to three black points in the disk; marginal points black, very minute; exterior border convex, not oblique; under side and hind wings blackish, with gilded yellow tips. Length of the body 4 lines; of the wings 10 lines.

a. Ega. From Mr. Bates collection.

19. Psecadia? abscessella.

Pallide flavo-cinerea; pedes postici longi, tibiis subpilosis; alæ anticæ pallide cervinæ, subacutæ, strigulis interruptis apud venas punctisque marginalibus nigris; posticæ cinereæ.

Pale yellowish cinereous. Head prominent. Antennæ slender. Hind legs long; tibiæ with very short hairs. Fore wings pale fawn-colour, slightly acute, with a few slight interrupted black streaks on

the veins; marginal points black, minute; exterior border very oblique. Hind wings cinereous; fringe whitish. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. Ega. From Mr. Bates' collection.

South Africa.

20. Psecadia languida.

Coptoproctis languida, *Zl.*

South Africa.

21. Psecadia livida.

livida, *Zl.*

Natal.

22. Psecadia rufiventris.

Gymnogramma rufiventris, *Zl.*

South Africa.

Borneo.

23. Psecadia evocatella.

Mas. *Argenteo-alba; palpi fusci, apice albi, articulo 3o longo lineari; antennæ graciles; alæ anticæ angustæ, apice rotundatæ, punctis anticis maculisque quatuor posticis æneo-fuscis; posticæ æneo-fuscæ.*

Male. Silvery white. Palpi smooth, brown, slightly curved, with white tips; third joint linear, conical at the tip, nearly as long as the second. Antennæ slender. Wings narrow. Fore wings rounded at the tips, with some æneous-brown points in front, and with four elongated æneous-brown spots along the interior border; exterior border slightly convex and oblique. Hind wings æneous-brown. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

24. Psecadia Stella.

Stella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

25. Psecadia pretiosella.

Mas. *Ochracea; alæ anticæ auratæ, costa fusca, vitta costali argentea, vitta subcostali ochracea, fimbria purpurea; posticæ argenteo-cinereæ.*

Male. Ochraceous. Abdomen, hind wings and under side silvery cinereous. Abdomen tinged with pale yellow. Fore wings gilded; costa brown; costal stripe silvery; subcostal stripe ochraceous; fringe purple; exterior border very oblique. Length of the body 4½ lines; of the wings 14 lines.

a. Australia. From Mr. Damel's collection.

26. Psecadia dorsivittella.

Mas. *Nigricans; caput et thorax albido vittata; antennæ pubescentes; pectus et abdomen albida; tibiæ posticæ subfimbriatæ; alæ anticæ latiusculæ, vix acutæ, costam versus cinereæ, striga subcostali strigisque posticis nigris, vitta postica cinerea ferrugineo marginata, costa rosea.*

Male. Blackish. Head with a whitish stripe, which extends from the mouth to the back of the vertex. Antennæ pubescent, not more than half the length of the fore wings. Pectus, abdomen, legs and hind wings whitish. Thorax with a whitish stripe. Hind tibiæ slightly fringed. Fore wings rather broad, hardly acute, dark cinereous towards the costa, which is rosy and hardly convex; a black subcostal streak in the exterior half of the wing and some less distinct black streaks hindward; a cinereous stripe along the interior border, emitting a curved whitish streaklet towards the disk and bordered with ferruginous-red; fringe ferruginous, with cinereous streaks; exterior border straight, slightly oblique. Length of the body 5 lines; of the wings 16 lines.

a. Tasmania. Presented by M. Allport, Esq.

27. Psecadia conductella.

Mas. *Cano-fusca; antennæ setulosæ; abdomis segmenta albido marginata; tibiæ posticæ fimbriatæ; alæ anticæ subacutæ, punctis discalibus nigris; posticæ fusco-cinereæ.*

Male. Brown, with numerous hoary hairs, paler beneath. Antennæ minutely setulose. Abdomen brownish cinereous, extending rather beyond the hind wings; hind borders of the segments whitish; apical tuft yellowish cinereous. Hind tibiæ fringed. Fore wings slightly acute, with a few black points in the disk; costa very slightly convex towards the base; exterior border extremely oblique. Hind wings brownish cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Tasmania. Presented by R. Butler, Esq.

28. Psecadia dolosella.

Fœm. *Schistacea; tibiæ posticæ fimbriatæ; alæ anticæ acutæ, punctis discalibus indistinctis nigris; posticæ obscure cinereæ.*

Female. Slaty cinereous. Antennæ slender. Legs pale cinereous; hind tibiæ fringed. Fore wings acute, with a few indistinct black points in the disk; exterior border extremely oblique. Hind wings dark cinereous. Length of the body 4 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

29. Psecadia? radiosella.

Mas. *Alba; thorax fusco bivittatus; alæ anticæ longæ, apice rotundatæ, vittis duabus strigisque nonnullis æneo-fuscis, vitta 2a nigro submarginata, venis nigricantibus; posticæ cinereæ.*

Male. White. Antennæ brown, stout, minutely serrated and setulose. Thorax with a brown stripe on each side. Anterior legs mostly brown. Wings long, rounded at the tips. Fore wings with two æneous-brown stripes; first stripe subcostal, joining the costa beyond the middle; second extending to the tip of the wing, partly bordered with black in front; some æneous-brown streaks between the veins, which are blackish; fringe interlined with pale brown; under side brown; exterior border very oblique. Hind wings cinereous. Length of the body 5 lines; of the wings 15 lines.

a. Tasmania. From the Entomological Society's collection.

Country unknown.

30. Psecadia humerella.

Mas. *Pallide aurato-flava; antennæ subserratæ; alæ anticæ subacutæ, vitta costali abbreviata fusca.*

Male. Pale gilded yellow. Antennæ brown, minutely serrated and setulose, shorter than the fore wings. Abdomen extending much beyond the hind wings; apical tuft rather long. Anterior legs mostly brown; hind legs long, their tibiæ slightly fringed. Fore wings slightly acute, with a brown costal stripe, which is attenuated exteriorly and terminates at three-fourths of the length of the wing. Hind wings with the fringe very long towards the interior angle. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. ——— ? Presented by the Entomological Club.

Genus 7. PRAYS.

Prays, *Hb.*

1. Prays Curtisellus.

Curtisellus, *Dn.*—maculella, *F.*—cænobitella, *Hb.*—rustica, *Hw.*

a—d. England. From Mr. Chant's collection.
e—n. England.

Asia.

2. Prays? plagiferella.

Mas. *Testaceo-albida, robusta; palpi articulo 2o late fimbriato, 3o lanceolato, fascia subapicali nigra; antennæ subsetulosæ; alæ anticæ vix acutæ, nigro conspersæ, plagis duabus cervinis, 1a elongata, 2a marginali, maculis duabus cinereis.*

Male. Testaceous-whitish, stout. Head pubescent. Palpi a little longer than the breadth of the head; second joint broadly fringed beneath; third lanceolate, shorter than the second, with a black subapical band. Antennæ stout, minutely setulose, shorter than the fore wings. Abdomen extending for full half its length beyond the hind wings. Fore wings hardly acute, with some minute black speckles, a few of which form two or three small dots near the base; two fawn-coloured patches, one forming an oblique incomplete band, the other extending along the exterior border; two cine-

reous discal spots, one on each side of the first patch; first spot elongated, oblique; second nearly round. Length of the body 3 lines; of the wings 7 lines.

a. Ceylon. From M. Nietner's collection.

Australia.

3. Prays castella.

Fœm. *Alba; tarsi nigricantes, albo fasciati; alæ anticæ vix acutæ, vittis duabus æneis, plagis quatuor discalibus e atomis nigris; posticæ æneæ, fimbria albida.*

Female. White. Head with erect hairs on the vertex. Palpi slender, obliquely ascending, much shorter than the breadth of the head. Tarsi blackish, with white bands. Fore wings hardly acute, with two irregular æneous stripes, one costal, the other along the interior border; some black speckles, most of which form four patches; two of these are contiguous to the costal stripe and two to the hind stripe. Hind wings æneous; fringe whitish, shining. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a, *b*. Moreton Bay. From Mr. Diggles' collection.

Genus 8. AZINIS.

Mas. Corpus robustum, læve. Proboscis brevis. Palpi læves, arcuati, oblique ascendentes, verticem paullo superantes; articulus 3us lanceolatus, 2o vix brevior. Antennæ glabræ. Abdomen alas posticas paullo superans; fasciculus apicalis subquadratus. Pedes læves, robusti; tibiæ posticæ fimbriatæ. Alæ spissæ, elongatæ; anticæ apice subrotundatæ, costa vix convexa, margine exteriore vix obliquo.

Male. Body stout, smooth. Proboscis short. Palpi smooth, curved, obliquely ascending, rising a little higher than the vertex; third joint lanceolate, almost as long as the second. Antennæ bare. Abdomen extending a little beyond the hind wings; apical tuft subquadrate. Legs stout, smooth; hind tibiæ with a short thick fringe; spurs very long. Wings robust, elongate. Fore wings slightly rounded at the tips; costa and exterior border very slightly convex, the latter very slightly oblique.

This genus is very closely allied to *Hyponomeuta*.

1. Azinis hilarella.

Mas. *Pallide schistacea; caput postice nigro uniguttatum; palpi albi, nigro quadrifasciati; thorax nigro quadriguttatus; abdomen pallide cinereum, basi luteum; alæ anticæ guttis plurimis nigris albido marginatis, guttis parvis submarginalibus nigris; posticæ luteæ, apice nigræ.*

Male. Pale slate-colour. Head with a black dot on the hind border. Palpi white, with four black bands. Thorax with four black dots. Abdomen pale cinereous, luteous at the base. Fore wings with eighteen black whitish-bordered dots, and with a row of small submarginal black dots; five of the eighteen are smaller than the others, and are near the submarginal row. Hind wings luteous, black at the tips; fringe cinereous towards the tips. Length of the body 5 lines; of the wings 14 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 9. CORINEA.

Mas et fœm. Corpus sat robustum. Proboscis gracilis. Palpi læves, ascendentes, verticem non superantes; articulus 3us linearis, acutus, 2o non brevior. Antennæ maris subsetulosæ. Abdomen alas posticas longissime superans. Pedes læves; calcaria brevissima. Alæ anticæ longæ, apice rotundatæ, margine exteriore vix obliquo.

Male and female. Body rather stout. Proboscis slender. Palpi smooth, ascending, not rising higher than the vertex; third joint linear, acute, as long as the second. Antennæ of the male very minutely setulose. Abdomen extending very far beyond the hind wings. Legs smooth; spurs very short. Wings long. Fore wings rounded at the tips; exterior border very slightly convex, hardly oblique.

Very nearly allied to *Hyponomeuta* and to *Azinis*.

1. Corinea niviguttella.

Mas et fœm. *Aurato-ochracea; caput album; palpi fusci, albo bifasciati; thorax albo bimaculatus; abdomen subtus albo fasciatum; tibiæ albo bifasciatæ; alæ anticæ albo guttatæ.*

Male and female. Gilded ochraceous. Head white. Palpi brown, white at the base, and with a white band. Antennæ brown, white at the base. Thorax with a white spot on each side in front. Abdomen with white bands beneath. Tibiæ with two white bands. Fore wings slightly purplish-tinged, with many variable white dots and points. Hind wings a little paler than the fore wings. Length of the body 6—7 lines; of the wings 16—18 lines.

a. Hindostan. Presented by Sir John Hearsay.
b. North Hindostan. From Mr. Stevens' collection.
c. Ceylon. Presented by Dr. Templeton.
d. Java. From the East India Company's collection.
e. Australia. From Mr. Hunter's collection.

2. Corinea emissella.

Mas. *Alba; palpi supra nigricantes; thorax fascia aurato-ochracea; alæ anticæ aurato-ochraceæ, albo guttatæ; posticæ cinereæ.*

Male. White. Palpi blackish above. Thorax with a gilded ochraceous band. Fore wings gilded ochraceous, slightly purplish-tinged, with many white dots; costa with white points along half the length from the base. Hind wings cinereous. Length of the body 7 lines; of the wings 18 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

Fam. 3. PLUTELLIDÆ.

Plutellidæ, *Sta.*

Genus 1. EIDOPHASIA.

Eidophasia, *St.*

1. Eidophasia Messingiella.

Messingiella, *F. R.*—transversella, *St.*
a—c. England.

2. Eidophasia Syenitella.

Syenitella, *H.-S.*

3. Eidophasia Hufnagelii.

Hufnagelii, *Zl.*

Genus 2. PLUTELLA.

Plutella, *Schr.*—Euota, *Hb.*—Anadetia, *Hb.*—Anesychia, *Hb.*

1. Plutella cruciferarum.

cruciferarum, *Zl.*—barnatus, *F.*—xylostella, *Hb.*—maculipennis, *Ct.*—niveella, *Zt.*—annulatella, *H.-S.*

a—l. England.

2. Plutella porrectella.

porrectella, *L.*—hesperidella, *Hb.*

a—b. England. From Mr. Foxcroft's collection.
c—j. England.
k, l. Europe. From M. Becker's collection.

3. Plutella geniatella.

geniatella, *Zl.*

4. Plutella annulatella.

annulatella, *Ct.*—bicingulata, *Zl.*—Schmaltzella, *Zt.*—horticola, *Tgstr.*—immaculicornella, *Gn.*

a, b. England. From Mr. Bouchard's collection.
c—e. England.

5. Plutella Dalella.

Dalella, *Sta.*—marmorosella, *Wck.*—vittella, *Hb.*

a—f. England.
g. Scotland. From Mr. Foxcroft's collection.
h. Scotland. From Mr. Stevens' collection.

6. Plutella septentrionum.

septentrionum, *Std.*—Dalella, *var.* ?

7. Plutella albiramella.

albiramella, *Mn.*

Amasia.

8. PLUTELLA TRICHONELLA.

trichonella, *Mn.*
Amasia.

9. PLUTELLA SEMITESSELLA.

semitessella, *Mn.*
Amasia.

Genus 3. THERISTIS.

Theristis, *Hb.*

1. THERISTIS CAUDELLA.

caudella, *L.*—Panzerella, *Dn.*—cultrella, *Hb.*—acinacidella, *Hb.*
a—d. England. From Mr. Bouchard's collection.
e—h. England.

2. THERISTIS EXCISELLA.

excisella, *Ld.*

Genus 4. CEROSTOMA.

Ypsolophus, *F.*—Cerostoma, *Ltr.*—Hypsolopha, *Hb.*—Harpipterix, *Hb.*—Abebæa, *Hb.*—Oxybelia, *Hb.*

Europe.

1. CEROSTOMA ASPERELLA.

asperella, *L.*—Clairvellela, *F.*—falcatella, *Dn.*
a, b. England.
c, d. Europe. From M. Becker's collection.

2. CEROSTOMA SCABRELLA.

scabrella, *L.*—bifissella, *W. V.*—pterodactylella, *Hb.*
a—c. England. From Mr. Chant's collection.
d—j. England.

3. CEROSTOMA HORRIDELLA.

horridella, *Tr.*—falcella, *St.*—subfalcatella, *Ct.*
a. England. From Mr. Chant's collection.
b—g. England.

4. Cerostoma nemorella.

nemorella, *L.*—hamella, *Hb.*—cultrea, *Hw.*

a—j. England.
k, l. Europe. From M. Becker's collection.

5. Cerostoma xylostella.

xylostella, *L.*—dentella, *F.*—harpella, *W. V.*—caprifolii, *Rtz.*

a. England. From Mr. Chant's collection.
b—l. England.
m—p. Europe. From M. Becker's collection.
q. Italy. From Dr. Leach's collection.
r. North America. From Mr. Carter's collection.
s. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

6. Cerostoma falsella.

falsella, *W. V.*—dorsella, *F.*

7. Cerostoma persicella.

persicella, *W. V.*—nemorella, *F.*

a—b. Europe. From M. Becker's collection.
c. Italy. From Dr. Leach's collection.

8. Cerostoma lucella.

lucella, *F.*—antennella, *W. V.*—lucorum, *F.*—mucronella, *Hb.*

a—h. England.
i, j. Europe. From M. Becker's collection.

9. Cerostoma alpella.

alpella, *W. V.*—alpinus, *F.*

10. Cerostoma sylvella.

sylvella, *L.*—sylvarum, *F.*—bifasciatus, *Hw.*

a—k. England.
l—o. Europe. From M. Becker's collection.

11. Cerostoma costella.

costella, *F.*—fissella (*fæm.*), *Dp.*—ermineus, *Hw.*—ochroleucus, *Hw.*

a. England. From Mr. Chant's collection.
b—m. England.
n. Europe. From M. Becker's collection.

12. Cerostoma radiatella.

radiatella, *Dn.*—variella, *Hb.*—fissella, *Hb.*—byssinella, *Hb.*—parallela, *Pz.*—quinquepunctatus, *Hw.*—lutosus, *Hw.*—flavicillatus, *Hw.*—unitella, *Tr.*—rufimitrellus, *St.*

a—n. England.
o—t. Europe. From M. Becker's collection.

13. Cerostoma coriacella.

coriacella, *H.-S.*

14. Cerostoma semitessella.

semitessella, *Mn.*

15. Cerostoma sculpturella.

sculpturella, *H.-S.*

16. Cerostoma sequella.

sequella, *Cl.*—nyctemerella, *W. V.*—*var.* leucophæa, *Zl.*

a, *b*. England. Presented by the Rev. A. Matthews.
c—e. England. From Mr. Bouchard's collection.
f—j. England.

17. Cerostoma vittella.

vittella, *L.*—sisymbrella, *W. V.*—*var.* carbonella, *Hb.*—maurellus, *St.*

a, *b*. England. From Mr. Bouchard's collection.
c—m. England.
n. Europe. From M. Becker's collection.

18. Cerostoma trichonella.

trichonella, *Mn.*

19. Cerostoma? albiramella.

albiramella, *Mn.*

New Zealand.

20. Cerostoma terminella.

Mas. *Fusca; caput pilosum, albido-cinereum; abdomen cinereum; alæ anticæ longæ, angustæ, apice rotundatæ, vitta discali albida strigam costam versus strigamque exteriorem posticam rejiciente, macula submarginali albida guttam strigulasque duas obscure fuscas includente; posticæ cinereæ.*

Male. Brown, shining, brownish cinereous beneath. Head and fore border of the thorax whitish cinereous, the former pilose. Abdomen cinereous; extending much beyond the hind wings. Fore wings long, narrow, rounded at the tips, with a whitish discal stripe, which rejects a streak to the costa, and an exterior, longer and more oblique streak to the interior border; this stripe terminates near the exterior border, where it is contiguous to a whitish spot, which contains an oblong dark brown dot and two exterior minute curved dark brown streaks. Hind wings cinereous; fringe very long. Length of the body 3 lines; of the wings 9 lines.

a—i. New Zealand. Presented by Col. Bolton.

21. Cerostoma fulguritella.

Fœm. *Albida; alæ anticæ vitta discali indeterminata obscure fusca apicem versus dilatata strigulas nigras includente; posticæ cinereæ.*

Female. Whitish. Head slightly tufted. Oviduct long. Wings narrow, acute. Fore wings with a dark brown irregular discal stripe, which is dilated to the apical part of the disk and contains some black lanceolate streaks. Hind wings cinereous. Length of the body 3½ lines; of the wings 8 lines.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

Fam. 4. GELECHIDÆ.

Gelechidæ, *Sta.*

Genus 1. EXAPATE.

Exapate, *Hb.*

1. Exapate congelatella.

congelatella, *Cl.*—gelatella, *L.*—paradoxa, *Slz.*

a, *b*. England. Presented by E. Shepherd, Esq.
c—*l*. England.
m, *n*. Europe. From M. Becker's collection.

Genus 2. DASYSTOMA.

Dasystoma, *Ct.*—Cheimophila, *Hb.*

1. Dasystoma salicella.

salicella, *Hb.*—rufocrinitalis, *Zt.*

a. England. From Mr. King's collection.
b. England. From Mr. Bouchard's collection.
c. England. From Mr. Foxcroft's collection.
d. England. From Mr. Stevens' collection.
e—*t*. England.

Genus 3. CHIMABACHE.

Chimabache, *Hb.*—Chimabacche, *Zl.*

Europe.

1. Chimabache phryganella.

phryganella, *Hb.*—novembris, *Hw.*

a, *b*. England. From Mr. Foxcroft's collection.
c—*f*. England. From Mr. Chant's collection.
g—*s*. England.
t, *v*. Europe. From M. Becker's collection.

2. Chimabache fagella.

fagella, *W. V.*—Dormoyella, *Dp.*

a—j. England. Presented by E. Shepherd, Esq.
k—n. England. From Mr. Chant's collection.
o—r. England.
s, t. Europe. From M. Becker's collection.
v, u. Germany. From M. Heminghoffen's collection.

3. Chimabache? syriaca.

syriaca, *Ld.*

Australia.

4. Chimabache Cinderella.

Cinderella, *Nwm.*

a. Australia. Presented by T. R. Oxley, Esq.

Genus 4. SEMIOSCOPIS.

Semioscopis, *Hb.*

1. Semioscopis avellanella.

avellanella, *Hb.*

a—e. England.
f, g. Europe. From M. Becker's collection.

2. Semioscopis strigulana.

strigulana, *W. V.*—atomella. *Hb.*

3. Semioscopis antiquella.

antiquella, *Zt.*

4. Semioscopis anella.

anella, *Hb.*—alienella, *Tr.*

Genus 5. EPIGRAPHIA.

Epigraphia, *St.*—Semioscopis, *Hb.*

1. Epigraphia Steinkellneriana.

Steinkellneriana, *W. V.*—characterella, *Hb*

a. England. Presented by B. Cooke, Esq.
b. England. Presented by E. Shepherd, Esq.
c. England. From Mr. Stevens' collection.
d—*t*. England.
v, *u*. Europe. From M. Becker's collection.

Genus 6. ORTHOTELIA.

Orthotelia, *St.*—Agoniopteryx, *Tr.*—Caulobius, *Dp.*—Hæmylis, *Zl.*

1. Orthotelia sparganiella.

sparganiella, *Thbg.*—tostella, *Hb.*—Boiella ? *Freyer*—venosa, *Hw.*—nervosa, *Ent. Mag.*

a, *b*. England. From Mr. Stevens' collection.
c—*p*. England.

Genus 7. APILETRIA.

Apiletria, *Ld.*

1. Apiletria luella.

luella, *Ld.*

Genus 8. PHIBALOCERA.

Phibalocera, *St.*—Carcina, *Hb.*

1. Phibalocera quercana.

quercana, *F.*—fagana, *W. V.*—cancrella, *Hb.*

a, *b*. England. From Mr. Chant's collection.
c—*u*. England.
w—*z*. Europe. From M. Becker's collection.
aa. Germany. From M. Heminghoffen's collection.

2. Phibalocera luticornella.

luticornella, *Zl.*—nigrana, *Dp.*

3. Phibalocera pallicornella.

pallicornella, *Std.*

Genus 9. EXÆRETIA.

Exæretia, *Sta.*—Depressaria, *H.-S.*

1. Exæretia Allisella.

Allisella, *Sta.*

a, b. England. Presented by S. Carter, Esq.
c—g. England. Presented by F. Bond, Esq.

Genus 10. DEPRESSARIA.

Depressaria, *Hw.*—Pinaris, *Hb.*—Agonopterix, *Hb.*—Epeleustia, *Hb.*—Acompsia, *Hb.*—Hæmylis, *Tr.*

Europe and the neighbouring regions.

1. Depressaria costosa.

costosa, *Hw.*—depunctella, *Hb.*—spartiana, *Hb.*—Boieella, *Frr.*

a. England. From Mr. Bouchard's collection.
b—k. England.
l. Italy. From Dr. Leach's collection.
m, n. Europe. From M. Becker's collection.

2. Depressaria comitella.

comitella, *Ld.*

3. Depressaria Sparmanniana.

Sparmanniana, *F.*—bipunctosa, *Ct.*—liturella, *var.* β, *Zl.*

a, b. England. Presented by F. Bond, Esq.

4. Depressaria liturella.

liturella, *W. V.*—flavella, *Hb.*—flavosa, *Hw.*—Sparmanniana, *St.*

a. England. From Mr. Bouchard's collection.
b—j. England.
k, l. Europe. From M. Becker's collection.

5. Depressaria straminella.

straminella, *Std.*

6. Depressaria quadripunctata.

quadripunctata, *Wck.*

7. Depressaria pallorella.

pallorella, *Zl.*—Sparmaniella, *H.-S.*
a—d. England.

8. Depressaria culcitella.

culcitella, *H.-S.*

9. Depressaria doronicella.

Schmidtella, *Mn.*--doronicella, *Wck.*

10. Depressaria lætella.

lætella, *H.-S.*

11. Depressaria umbellana.

umbellana, *St.*—umbellarum? *Hw.*—alicetella, *Sta.*
a—e. England. Presented by E. Shepherd, Esq.
f. England. From Mr. Chant's collection.
g—i. England.

12. Depressaria assimilella.

assimillella, *Tischer* (*MSS.*), *Tr.*—arenella, *Reuti*—irrorella, *St.*
a. Scotland. From Mr. Stevens' collection.
b—e. England. From Mr. Bouchard's collection.
f—h. England.

13. Depressaria nanatella.

nanatella, *Sta.*—assimitella, *Zl. olim.*

14. Depressaria putridella.

putridella, *W. V.*

15. Depressaria atomella.

atomella, *W. V.*— atomosa, *Hw.*— pulverella, *Hb.*— respersella, *F. R.*

a, *b*. England.

16. Depressaria rotiferella.

rotiferella, *Klr.*

17. Depressaria arenella.

arenella, *W. V.*—Yeatiana, *Th.*—gilvella, *Hb.*—gilvana, *Hw.*— immaculata, *St.*

a, *b*. England. Presented by E. Shepherd, Esq.
c, *d*. England. From Mr. Stevens' collection.
e—*l*. England.
m, *n*. Europe. From M. Becker's collection.

18. Depressaria petasitis.

petasitis, *Stdf.*

19. Depressaria rhodochrella.

rhodochrella, *H.-S.*—Himminghofenella, *H.-S.*

20. Depressaria thoracica.

thoracica, *Ld.*

21. Depressaria propinquella.

propinquella, *Tr.*—gilvosa, *var.*, *Hw.*—Yeatiella, *Hb.*

a. England. From Mr. King's collection.
b, *c*. England. From Mr. Bouchard's collection.
d—*k*. England.

22. Depressaria subpropinquella.

subpropinquella, *Sta.*—heraclella? *Dp.*—intermediella? *Sta.*

a—*k*. England.
l. Europe. From M. Becker's collection.

23. Depressaria Alstrœmeriana.

Alstrœmeriana, *L.*—monilella, *W. V.*—puella, *Hb.*—albidella, *Ev.*

a, *b*. England. From Mr. Stevens collection.
c—*e*. England. Presented by E. Shepherd, Esq.
f. England. From Mr. King's collection.
g—*j*. England.
k. Europe. From M. Becker's collection.

24. Depressaria purpurea.

purpurea, *Hw.*—vaccinella, *Hb.*

a. England. Presented by E. Shepherd, Esq.
b—*m*. England.
n, *o*. Europe. From M. Becker's collection.

25. Depressaria hypericella.

hypericella, *Tr.*—liturella? *Hb.*—liturosa, *Hw.*

a—*f*. England.
g, *h*. Germany. From M. Heminghoffen's collection.

26. Depressaria conterminella.

conterminella, *F. R.* (*MSS.*), *Zl.*—hypericella? *Hb.*—curvipunctosa? *Hw.*

a. England. From Mr. Foxcroft's collection.
b—*l*. England.

27. Depressaria Ledereri.

Ledereri, *Zl.*

28. Depressaria ocellana.

ocellana, *F.*—characterella, *W. V.*—signella, *Hb.*—signiferella, *Hb.*—signosa, *Hw.*

a. England. From Mr. Bouchard's collection.
b, *c*. England. From Mr. King's collection.
d—*k*. England.
l, *m*. Europe. From M. Becker's collection.

29. Depressaria atricornella.

atricornella, *Mn.*

30. Depressaria Yeatiana.

Yeatiana, *F.*—albidana? *Dn.*—Yeatsii, *Hw.*—putrida, *Hw.*—Yeatsiana, *St.*—putridella, *St.*—ventosella, *Reutti.*

a, *b*. England. From Mr. Bouchard's collection.
c—*k*. England.

31. Depressaria ciniflonella.

ciniflonella, *Lienig.*

a, *b*. England. From Mr. Bouchard's collection.
c. Scotland. From Mr. Foxcroft's collection.
d, *e*. Scotland. From Mr. Stevens' collection.
f—*i*. England.

32. Depressaria impurella.

impurella, *Metzn.* (*MSS.*), *Tr.*

33. Depressaria adspersella.

adspersella, *Klr.*

34. Depressaria thapsiella

thapsiella, *Zl.*—thapsiæ, *H.-S.*

35. Depressaria laterella.

laterella, *W. V.*—heracliella, *Tr.*

36. Depressaria carduella.

carduella, *Hb.*

a, *b*. England. From Mr. Bouchard's collection.
c—*e*. England.

37. Depressaria incarnatella.

incarnatella, *Zl.*

38. Depressaria sublutella.

sublutella, *Std.*

39. Depressaria applana.

applana, *F.*—applanella, *F.*—heracliana, *Dg.*—cerafolii, *Retz.*—cicutella, *Hb.*—heracleella, *Zt.*—ciliella, *Sta.*

a—i. England.
j. Germany. From M. Heminghoffen's collection.

40. Depressaria Amasina.

Amasina, *Mn.*

41. Depressaria ciliella.

ciliella, *Sta.*

a—h. England. From Mr. Bouchard's collection.
i, j. England.
k. Germany. From M. Heminghoffen's collection.

42. Depressaria capreolella.

capreolella, *Zl.*—caprella, *Sta.*—depressella, *H.-S.*

a, b. England.

43. Depressaria granulosella.

granulosella, *Sta.*

a. England. Presented by E. Shepherd, Esq.
b—h. England. From Mr. Bouchard's collection.

44. Depressaria rotundella.

rotundella, *Dgl.*—peloritanella, *Zl.*

a—d. England.
e. Germany. From M. Heminghoffen's collection.

45. Depressaria angelicella.

angelicella, *Hb.*—parilella, *Reuti*—rubidella, *Dp.*

a—f. England. From Mr. Bouchard's collection.
g. Europe. From M. Becker's collection.

46. Depressaria parilella

parilella, *Tr.*—humerella, *Dp.*

47. Depressaria furvella.

furvella, *Tr.*

48. Depressaria cnicella.

cnicella, *Tr.*

a, b. Germany. From M. Heminghoffen's collection.

49. Depressaria hepatariella.

hepatariella, *Lienig.*

50. Depressaria ferulæ.

ferulæ, *Zl.*

51. Depressaria depressella.

depressella, *Hb.*—depressana, *Zl. olim.*—Bluntii, *Ct.*—collarella, *Zt.*—depressana? *F.*—depressella? *F.*

a—d. England. From Mr. Bouchard's collection.
e. England.
f, g. Europe. From M. Becker's collection.

52. Depressaria Heydenii.

Heydenii, *Zl.*

53. Depressaria pimpinellæ.

pimpinellæ, *Zl.*—characterosa, *Hw.*—pulverella, *Ev.*—libanotidella, *Reutti.*

a—f. England. From Mr. Bouchard's collection.
g. England.

54. Depressaria libanotidella.

libanotidella, *Schlg.*

55. Depressaria velox.

velox, *Std.*

56. Depressaria veneficella.

veneficella, *Zl.*—veneneficella, *H.-S.*

57. Depressaria badiella.

badiella, *Hb.*—pastinacella, *Dp.*

a, *b*. England. From Mr. Bouchard's collection.
c—*i*. England.
j. Europe. From M. Becker's collection.
k, *l*. Germany. From M. Heminghoffen's collection.

58. Depressaria altaica.

altaica, *Zl.*

59. Depressaria cervicella.

cervicella, *H.-S.*

60. Depressaria heracliana.

heracliana, *Dg.*—heraclei, *Retz.*—pastinacella, *Dp.*—umbellella, *Zt.*—umbellana? *F.*

a. England. Presented by E. Shepherd, Esq.
b—*j*. England. From Mr. Bouchard's collection.
h—*s*. England.
t, *v*. Europe. From M. Becker's collection.

61. Depressaria Weirella.

Weirella, *Sta.*—apiosa? *Hw.*

a. England. From Mr. Bouchard's collection.
b, *c*. England.

62. Depressaria discipunctella.

discipunctella, *H.-S.*—pastinacella, *Sta.*

Andalusia.

63. Depressaria albipunctella.

albipunctella, *Hb.*—albipuncta, *Hw.*—ægopodiella, *Hb.*

a—e. England.
f. Europe. From M. Becker's collection.

64. Depressaria emeritella.

emeritella, *Hyd.* (*MSS.*) *Sta.*

a, *b.* Europe, From M. Becker's collection.
c. Germany. From M. Heminghoffen's collection.

65. Depressaria tenebricosa.

tenebricosa, *Zl.*

66. Depressaria corticinella.

corticinella, *Zl.*

67. Depressaria pulcherrimella.

pulcherrimella, *Sta.*

a. England.

68. Depressaria chærophylli.

chærophylli, *Zl.*—badia? *Hw.*—daucella? *W. V.*—chærophyllinella, *H.-S.*

a, *b.* England. From Mr. Bouchard's collection.
c, *d.* England.

69. Depressaria Douglasella.

Douglasella, *Sta.*—miserella, *H.-S.*

70. Depressaria olerella.

olerella, *Zl.*

71. Depressaria nervosa.

nervosa, *Hw.*—daucella, *Tr.*—rubricella? *W. V.*--apiella? *Hb.*—ultimella? *Sta.*

a. England. From Mr. Bouchard's collection.
b—i. England.
j—l. Europe. From M. Becker's collection.

72. Depressaria ultimella.

ultimella, *Sta.*

a—f. England. From Mr. Bouchard's collection.
g—k. England.

73. Depressaria hirtipalpis.

hirtipalpis, *Zl.*

Spalato.

74. Depressaria dictamnella.

dictamnella, *Tr.*

75. Depressaria hystricella.

hystricella, *Msclr.*

76. Depressaria venosulella.

venosulella, *Msclr.*

77. Depressaria cachritis.

cachritis, *Std.*

78. Depressaria Hofmanni.

Hofmanni, *Sta.*

79. Depressaria Jugurthella.

Jurgurthella, *Gn.*

Constantina.

PRINTED BY EDWARD NEWMAN, 9, DEVONSHIRE STREET, BISHOPSGATE.

BSB Bayerische StaatsBibliothek
MDZ Münchener DigitalisierungsZentrum Digitale Bibliothek

Walker, Francis

List of the specimens of Lepidopterous Insects in the Collection of the British Museum

Bd.: XXVIII

London 1863

Zool. 543 br-28
urn:nbn:de:bvb:12-bsb10309216-4